

Single Phase SSR (240VAC)  
10 ~ 40 Amps

INPUT : DC Control,  
OUTPUT : Triac output



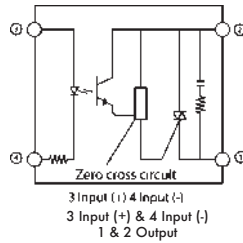
г.Минск [www.fotorele.net](http://www.fotorele.net) [www.tiristor.by](http://www.tiristor.by)  
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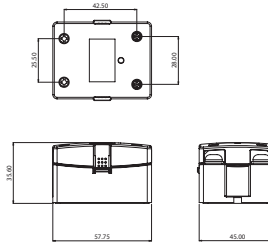
Series : 001 J/K



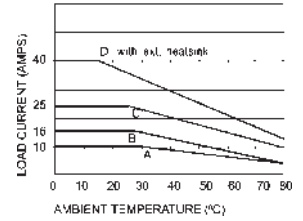
Schematic



Mechanical Drawing



Derating Curve



A = 3.2°C/W B = 1.0°C/W  
C & D = 0.5°C/W  
For Heatsink details refer to  
"Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • TTL/CMOS Compatible (Sink mode) • Output : NO/NC Configuration • Safety cover provision • Built-In Snubber • Chassis Mountable/DIN Mountable with Integral heatsink • Reverse Voltage Protection

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	001 JDA 331000	001 JDA 331600	001 JDA 332500	001 JDA 334000
Control Volt Range		Vdc	3-32	3-32	3-32	3-32
Control Curr Range		m A	1-20	1-20	1-20	1-20
Pick-Up Voltage		Vdc	3.0	3.0	3.0	3.0
Drop-Out Voltage		Vdc	1.0	1.0	1.0	1.0
Input Resistance		K ohms	1.8	1.8	1.8	1.8
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains Control Volt	V <sub>rms</sub>	Vac	24-330	24-330	24-330	24-330
Rep Peak Off State Voltage	V <sub>drm</sub>	Vpk	600	600	600	600
Off State Leakage Curr I <sub>drm</sub>		mA	10	10	10	10
Zero T-On Voltage		Vpk	25	25	25	25
On state Voltage Drop V <sub>TM</sub>		Vac	1.6	1.6	1.85	1.85
Peak one Cycle Surge Curr (Non Rep)	I <sub>TSM</sub>	A	100	160	250	300
Holding Current	I <sub>H</sub>	mA	75	75	150	150
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	200	250	250
Thermal Resistance	R <sub>TH</sub>	°C/W	3.4	2.5	1.5	1.2
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10	10
Turn -Off	T- Off	ms	10	10	10	10
Operating Temp	T Oper	°C	-30 to +80	-30 to +80	-30 to +80	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50	120	300	400

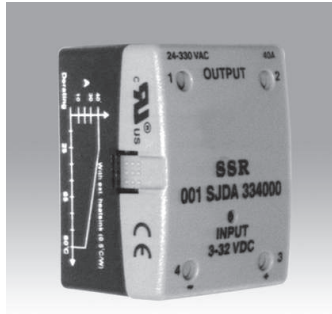
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

**Single Phase SSR (240VAC)**  
10 ~ 40 Amps

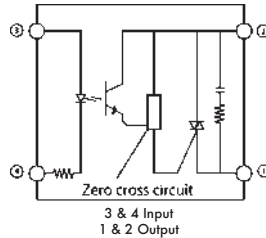
INPUT : AC Control  
OUTPUT : Triac output



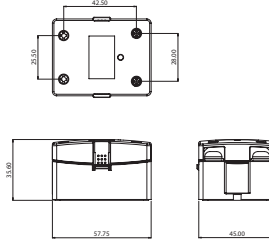
Series : 001 J/K



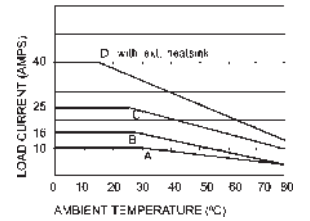
Schematic



Mechanical Drawing



Derating Curve



A = 3.2°C/W B = 1.0°C/W  
C & D = 0.5°C/W

For Heatsink details refer to  
"Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Output : NO/NC Configuration • Safety cover provision • Built-In Snubber • Chassis Mountable / DIN Mountable with Integral heatsink.

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	001 JAA 331028	001 JAA 331628	001 JAA 332528	001 JAA 334028
Control Volt Range		Vac	90 ~ 280	90 ~ 280	90 ~ 280	90 ~ 280
Control Curr Range		m A	9 ~ 18	9 ~ 18	9 ~ 18	9 ~ 18
Pick-Up Voltage		Vac	90	90	90	90
Drop-Out Voltage		Vac	45	45	45	45
Input Resistance		K Ohms	33	33	33	33
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains Control Volt	Vrms	Vac	24-330	24-330	24-330	24-330
Rep Peak Off State Voltage	Vdrm	Vpk	600	600	600	600
Off State Leakage Curr	Idrm	mA	10	10	10	10
Zero T-On Voltage	Vpk		25	25	25	25
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.6	1.85	1.85
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	100	160	250	300
Holding Current	I <sub>H</sub>	mA	75	75	150	150
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	200	250	250
Thermal Resistance	R <sub>TH</sub>	°C/W	3.4	2.5	1.5	1.2
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	40	40	40	40
Turn -Off	T- Off	ms	80	80	80	80
Operating Temp	T Oper	°C	-30 to +80	-30 to +80	-30 to +80	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50	120	300	400

Input

Output

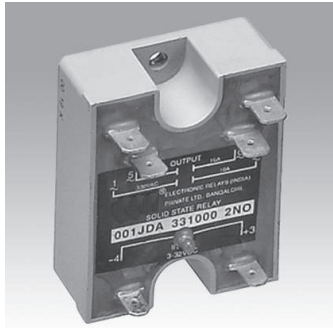
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# Single Phase SSR (240VAC) 2 NO 10 ~ 40 Amps

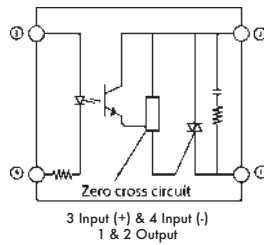
INPUT : DC Control,  
OUTPUT : Triac output



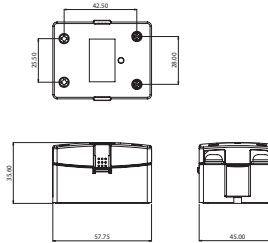
Series : 001 J/K



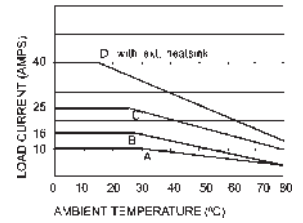
Schematic



Mechanical Drawing



Derating Curve



A = 3.2°C/W B = 1.0°C/W  
C & D = 0.5°C/W

For Heatsink details refer to  
"Recommended Heatsink" chart

## Salient Features

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • TTL/CMOS Compatible (Sink mode) • Output : NO/NC Configuration • Safety cover provision • Built-In Snubber • Chassis Mountable/DIN Mountable with Integral heatsink • Reverse Voltage Protection

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS		
Parameter	Symbol	Unit	001 JDA 331000 (2NO)	001 JDA 332500 (2NO)	001 JDA 334000 (2NO)
Control Volt Range		Vdc	3-32	3-32	3-32
Control Curr Range		m A	1-25	1-25	1-25
Pick-Up Voltage		Vdc	3.0	3.0	3.0
Drop-Out Voltage		Vdc	1.0	1.0	1.0
Input Resistance		K ohms	1.8	1.8	1.8
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>25</b>	<b>40</b>
Mains Control Volt	V <sub>rms</sub>	Vac	24-330	24-330	24-330
Rep Peak Off State Voltage	V <sub>drm</sub>	Vpk	600	600	600
Off State Leakage Curr	I <sub>drm</sub>	mA	10	10	10
Zero T-On Voltage		Vpk	25	25	25
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.85	1.85
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	100	250	300
Holding Current	I <sub>H</sub>	mA	75	150	150
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	250	250
Thermal Resistance	R <sub>TH</sub>	°C/W	3.4	1.5	1.2
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10
Turn -Off	T- Off	ms	10	10	10
Operating Temp	T Oper	°C	-30 to +80	-30 to +80	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50	300	400

Input

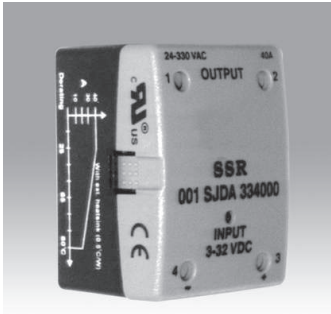
Output

**Single Phase SSR (440VAC)  
10 ~ 40 Amps**

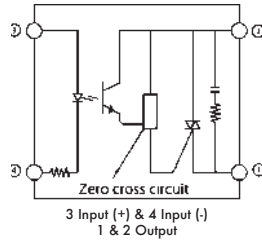
**INPUT : DC Control,  
OUTPUT : Triac output**



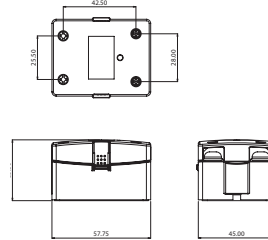
Series : 001 J/K



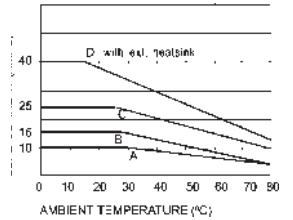
**Schematic**



**Mechanical Drawing**



**Derating Curve**



A = 3.2°C/W B = 1.0°C/W  
C & D = 0.5°C/W

For Heatsink details refer to  
"Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Reverse Voltage Protection; TTL/CMOS Comptible (Sink mode) • Output : NO/NC Configuration • Safety cover provision
- Built-In Snubber • Chassis Mountable / DIN Mountable with Integral heatsink.

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

Input

Output

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	001 JDA 481000	001 JDA 481600	001 JDA 482500	001 JDA 484000
Control Volt Range		Vdc	3-32	3-32	3-32	3-32
Control Curr Range		m A	1-25	1-25	1-25	1-25
Pick-Up Voltage		Vdc	3.0	3.0	3.0	3.0
Drop-Out Voltage		Vdc	1.0	1.0	1.0	1.0
Input Resistance			Current Regulator	Current Regulator	Current Regulator	Current Regulator
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains Control Volt	Vrms	Vac	48-480	48-480	48-480	48-480
Rep Peak Off State Voltage	Vdrm	Vpk	800	800	800	800
Off State Leakage Curr	Idrm	mA	10	10	10	10
Zero T-On Voltage		Vpk	25	25	25	25
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.6	1.85	1.85
Peak one Cycle Surge Curr (Non Rep)	I <sub>TSM</sub>	A	100	160	250	300
Holding Current	I <sub>H</sub>	mA	75	75	150	150
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	200	250	250
Thermal Resistance	R <sub>TH</sub>	°C/W	3.4	2.5	1.5	1.2
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10	10
Turn-Off	T-Off	ms	10	10	10	10
Operating Temp	T Oper	°C	-30 to +80	-30 to +80	-30 to +80	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50	120	300	400

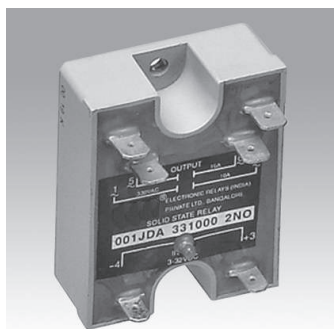
\*Our policy is one of continuous development and specifications are subject to change without notice. warranty is limited to a period of one year for relay value only

# Single Phase SSR (440VAC) 2NO 10 ~ 40 Amps

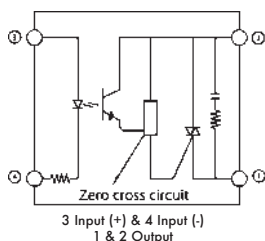
INPUT : DC Control,  
OUTPUT : Triac output



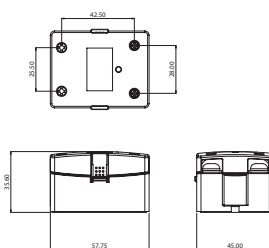
Series : 001 J/K



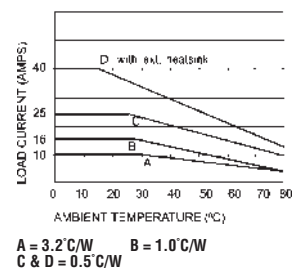
Schematic



Mechanical Drawing



Derating Curve



For Heatsink details refer to  
"Recommended Heatsink" chart

## Salient Features

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Reverse Voltage Protection; TTL/CMOS Comptible (Sink mode) • Output : NO/NC Configuration • Safety cover provision
- Built-In Snubber • Chassis Mountable / DIN Mountable with Integral heatsink.

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS		
Parameter	Symbol	Unit	001 JDA 481000 (2NO)	001 JDA 482500 (2NO)	001 JDA 484000 (2NO)
Control Volt Range	Vdc		3-32	3-32	3-32
Control Curr Range	m A		1-25	1-25	1-25
Pick-Up Voltage	Vdc		3.0	3.0	3.0
Drop-Out Voltage	Vdc		1.0	1.0	1.0
Input Resistance			Current Regulator	Current Regulator	Current Regulator
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>25</b>	<b>40</b>
Mains Control Volt	V <sub>rms</sub>	Vac	48-480	48-480	48-480
Rep Peak Off State Voltage	V <sub>drm</sub>	Vpk	800	800	800
Off State Leakage Curr	I <sub>drm</sub>	mA	10	10	10
Zero T-On Voltage	Vpk		25	25	25
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.85	1.85
Peak one Cycle Surge Curr (Non Rep)	I <sub>TSM</sub>	A	100	250	300
Holding Current	I <sub>H</sub>	mA	75	150	150
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	250	250
Thermal Resistance	R <sub>TH</sub>	°C/W	3.4	1.7	1.2
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10
Turn-Off	T-Off	ms	10	10	10
Operating Temp	T Oper	°C	-30 to +80	-30 to +80	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50	300	400

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**Single Phase SSR (440VAC)**  
**10 ~ 40 Amps**

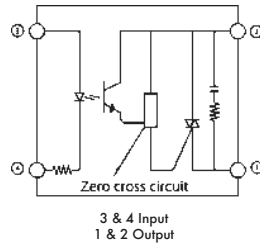
**INPUT** : AC Control,  
**OUTPUT** : Triac output



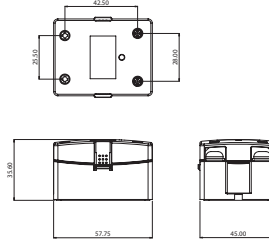
Series : 001 J/K



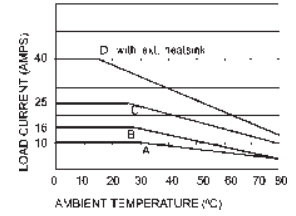
**Schematic**



**Mechanical Drawing**



**Derating Curve**



A = 3.2°C/W    B = 1.0°C/W  
 C & D = 0.5°C/W  
 For Heatsink details refer to "Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Output : NO/NC Configuration
- Safety cover provision • Built-In Snubber • Chassis Mountable / DIN Mountable with Integral heatsink.

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	001 JAA 481028	001 JAA 481628	001 JAA 482528	001 JAA 484028
Control Volt Range		Vac	90 -280	90 -280	90 -280	90 -280
Control Curr Range		m A	9 -18	9 -18	9 -18	9 -18
Pick-Up Voltage		Vac	90	90	90	90
Drop-Out Voltage		Vac	45	45	45	45
Input Resistance		K Ohms	20	20	20	20
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains Control Volt	V <sub>rms</sub>	Vac	48-480	48-480	48-480	48-480
Rep Peak Off State Voltage	V <sub>drm</sub>	V <sub>pk</sub>	800	800	800	800
Off State Leakage Curr	I <sub>drm</sub>	mA	10	10	10	10
Zero T-On Voltage		V <sub>pk</sub>	25	25	25	25
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.6	1.85	1.85
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	100	160	250	300
Holding Current	I <sub>H</sub>	mA	75	75	150	150
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	200	250	250
Thermal Resistance	R <sub>TH</sub>	°C/W	3.4	2.5	1.5	1.2
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	40	40	40	40
Turn -Off	T- Off	ms	80	80	80	80
Operating Temp	T Oper	°C	-30 to +80	-30 to +80	-30 to +80	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50	120	300	400

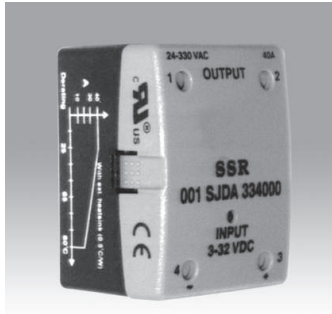
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# Single Phase SSR (240VAC) 10 ~ 40 Amps

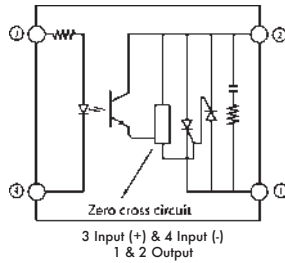
INPUT : DC Control,  
OUTPUT : Back - to - Back SCR



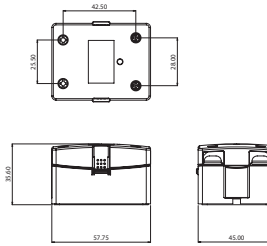
Series : 001 SJ/K



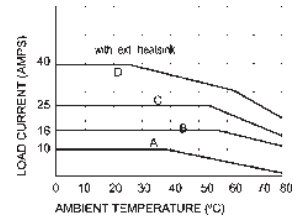
Schematic



Mechanical Drawing



Derating Curve



For Heatsink details refer to "Recommended Heatsink" chart

## Salient Features

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Reverse Voltage Protection; TTL/CMOS Compatible (Sink mode) • Output : NO/NC Configuration • Suitable for inductive loads
- Built-In Snubber • Safety cover provision • Chassis Mountable / DIN Mountable with Integral heatsink.

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	001 SJDA 331000	001 SJDA 331600	001 SJDA 332500	001 SJDA 334000
Control Volt Range		Vdc	3-32	3-32	3-32	3-32
Control Curr Range		m A	1-25	1-25	1-25	1-25
Pick-Up Voltage		Vdc	3.0	3.0	3.0	3.0
Drop-Out Voltage		Vdc	1.0	1.0	1.0	1.0
Input Resistance			Current Regulator	Current Regulator	Current Regulator	Current Regulator
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains Control Volt	V <sub>rms</sub>	Vac	24-330	24-330	24-330	24-330
Peak Off State Voltage	V <sub>drm</sub>	V <sub>pk</sub>	600	600	600	600
Off State Leakage Curr	I <sub>drm</sub>	mA	10	10	10	10
Zero T-On Voltage		V <sub>pk</sub>	20	20	20	20
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.6	1.6	1.6
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	100	160	250	400
Holding Current	I <sub>H</sub>	mA	50	70	120	250
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	500	500	500
Thermal Resistance	R <sub>TH</sub>	°C/W	2.0	1.6	1.0	0.88
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10	10
Turn -Off	T- Off	ms	10	10	10	10
Operating Temp	T Oper	°C	-30 to +80	-30 to +80	-30 to +80	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50	128	220	560

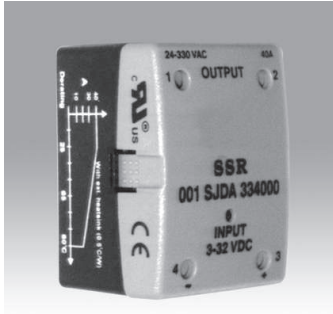
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

**Single Phase SSR (240VAC)**  
**10 ~ 40 Amps**

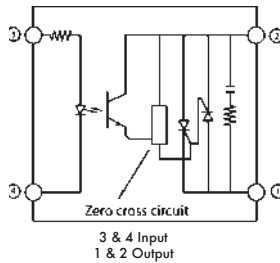
**INPUT** : AC Control,  
**OUTPUT** : Back-to-Back SCR



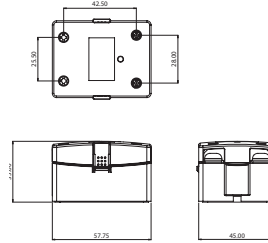
Series : 001 SJ/K



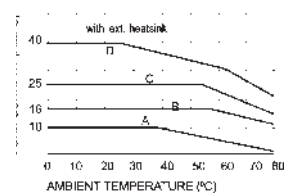
**Schematic**



**Mechanical Drawing**



**Derating Curve**



A = 3.2°C/W    B = 1.0°C/W  
C & D = 0.5°C/W

For Heatsink details refer to  
"Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Output : NO/NC Configuration • Suitable for inductive loads • Built-In Snubber • Safety cover provision • Chassis Mountable / DIN Mountable with Integral heatsink.

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	001 SJAA 331028	001 SJAA 331628	001 SJAA 332528001	SJAA 334028
Control Volt Range		Vac	90-280	90-280	90-280	90-280
Control Curr Range		m A	9-18	9-18	9-18	9-18
Pick-Up Voltage		Vac	90	90	90	90
Drop-Out Voltage		Vac	45	45	45	45
Input Resistance		K Ohms	13(Typ)	13(Typ)	13(Typ)	13(Typ)
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains Control Volt	V <sub>rms</sub>	Vac	24-330	24-330	24-330	24-330
Peak Off State Voltage	V <sub>drm</sub>	Vpk	600	600	600	600
Off State Leakage Curr	I <sub>drm</sub>	mA	10	10	10	10
Zero T-On Voltage		Vpk	20	20	20	20
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.6	1.6	1.6
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	100	160	250	400
Holding Current	I <sub>H</sub>	mA	50	70	120	250
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	500	500	500
Thermal Resistance	R <sub>TH</sub>	°C/W	2.0	1.6	1.0	0.88
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	40	40	40	40
Turn -Off	T- Off	ms	80	80	80	80
Operating Temp	T Oper	°C	-30 to +80	-30 to +80	-30 to +80	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50	128	220	560

\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

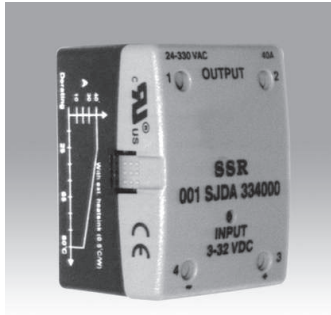


**Single Phase SSR (440VAC)  
10 ~ 40 Amps**

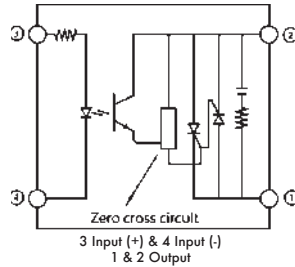
**INPUT** : DC Control,  
**OUTPUT** : Back - to - Back SCR



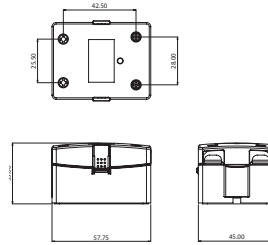
Series : 001 SJ/K



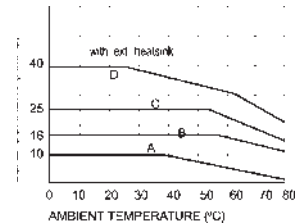
**Schematic**



**Mechanical Drawing**



**Derating Curve**



A = 3.2°C/W    B = 1.0°C/W  
C & D = 0.5°C/W  
For Heatsink details refer to "Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Reverse Voltage Protection; TTL/CMOS Compatible (Sink mode) • Output : NO/NC Configuration • Suitable for inductive loads
- Built-In Snubber • Safety cover provision • Chassis Mountable / DIN Mountable with Integral heatsink.

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	001 SJDA 481000001	SJDA 481600	001 SJDA 482500001	SJDA 484000
Control Volt Range		Vdc	3-32	3-32	3-32	3-32
Control Curr Range		m A	1-25	1-25	1-25	1-25
Pick-Up Voltage		Vdc	3.0	3.0	3.0	3.0
Drop-Out Voltage		Vdc	1.0	1.0	1.0	1.0
Input Resistance		k ohms	Current Regulator	Current Regulator	Current Regulator	Current Regulator
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains Control Volt	V <sub>rms</sub>	Vac	48-480	48-480	48-480	48-480
Peak Off State Voltage	V <sub>drm</sub>	Vpk	800	800	800	800
Off State Leakage Curr	I <sub>drm</sub>	mA	10	10	10	10
Zero T-On Voltage		Vpk	20	20	20	20
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.6	1.6	1.6
Peak one Cycle Surge Curr (Non Rep)	I <sub>TSM</sub>	A	100	160	250	400
Holding Current	I <sub>H</sub>	mA	50	70	120	250
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	500	500	500
Thermal Resistance	R <sub>TH</sub>	°C/W	2.0	1.6	1.0	0.88
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10	10
Turn-Off	T-Off	ms	10	10	10	10
Operating Temp	T Oper	°C	-30 to +80	-30 to +80	-30 to +80	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50	128	220	560

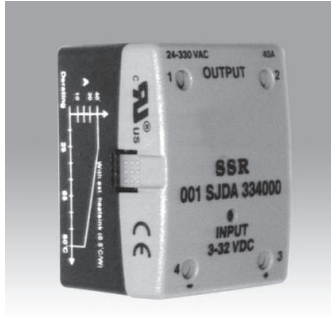
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

**Single Phase SSR (440VAC)  
10 ~ 40 Amps**

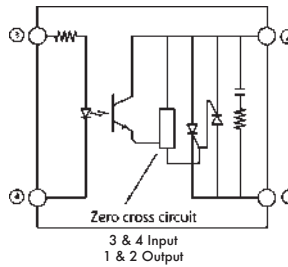
**INPUT : AC Control,  
OUTPUT : Back-to-Back SCR**



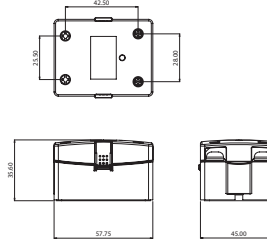
Series : 001 SJ/K



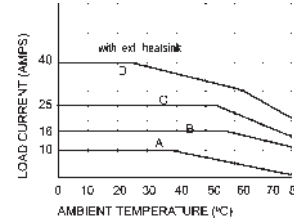
**Schematic**



**Mechanical Drawing**



**Derating Curve**



A = 3.2°C/W B = 1.0°C/W  
C & D = 0.5°C/W

For Heatsink details refer to  
"Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Output : NO/NC Configuration • Suitable for inductive loads • Built-In Snubber • Safety cover provision • Chassis Mountable / DIN Mountable with Integral heatsink.

**Electrical Specification @ TA = 25°C**

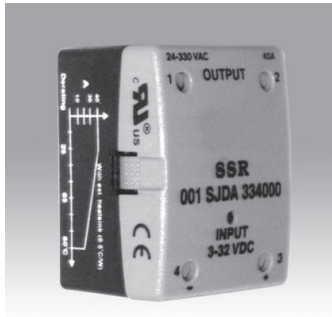
**Note: For Random T - On SSR, add letter 'K' in place of 'J'.**

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	001 SJAA 481028001	SJAA 481628001	SJAA 482528001	SJAA 484028
Control Volt Range		Vac	90-280	90-280	90-280	90-280
Control Curr Range		m A	9-18	9-18	9-18	9-18
Pick-Up Voltage		Vac	90	90	90	90
Drop-Out Voltage		Vac	45	45	45	45
Input Resistance		k ohms	13(typ)	13(typ)	13(typ)	13(typ)
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains Control Volt	V <sub>rms</sub>	Vac	48-480	48-480	48-480	48-480
Peak Off State Voltage	V <sub>drm</sub>	V <sub>pk</sub>	800	800	800	800
Off State Leakage Curr	I <sub>drm</sub>	mA	10	10	10	10
Zero T-On Voltage		V <sub>pk</sub>	35	35	35	35
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.6	1.6	1.6
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	100	160	500	500
Holding Current	I <sub>H</sub>	mA	50	70	120	250
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	500	500	500
Thermal Resistance	R <sub>TH</sub>	°C/W	2.0	1.6	1.0	0.88
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	40	40	40	40
Turn-Off	T-Off	ms	80	80	80	80
Operating Temp	T <sub>Oper</sub>	°C	-30 to +80	-30 to +80	-30 to +80	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50	128	220	560

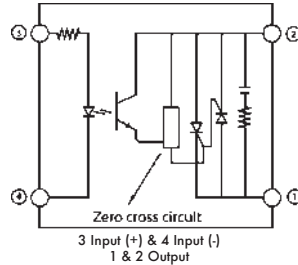
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.



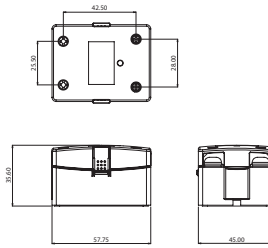
Series : 001 SPDA



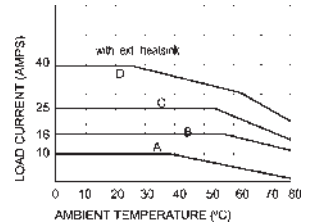
Schematic



Mechanical Drawing



Derating Curve



A = 3.2°C/W B = 1.0°C/W  
C & D = 0.5°C/W

For Heatsink details refer to "Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • 90° Turn On • Reverse Voltage Protection; TTL/CMOS Compatible (Sink mode)
- Output : NO/NC Configuration • Suitable for inductive loads • Built-In Snubber • Safety cover provision
- Chassis Mountable / DIN Mountable with Integral heatsink.

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS	
Parameter	Symbol	Unit	001 SPDA 482525	001 SPDA 484025
Control Volt Range		Vdc	5-25	5-25
Control Curr Range		m A	16	16
Pick-Up Voltage		Vdc	5.5	5.5
Drop-Out Voltage		Vdc	4.0	4.0
Input Resistance		k ohms	Current Regulator	Current Regulator
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>25</b>	<b>40</b>
Mains Control Volt	V <sub>rms</sub>	Vac	480	480
Peak Off State Voltage	V <sub>drm</sub>	V <sub>pk</sub>	500	500
Off State Leakage Curr	I <sub>drm</sub>	mA	1	1
Zero T-On Voltage		V <sub>pk</sub>	20	20
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.6
Peak one Cycle Surge Curr (Non Rep)	I <sub>TSM</sub>	A	625	625
Holding Current	I <sub>H</sub>	mA	120	120
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	500	500
Thermal Resistance	R <sub>TH</sub>	°C/W	1.0	1.0
Frequency Range	f	Hz	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	5	5
Turn-Off	T-Off	ms	5	5
Operating Temp	T Oper	°C	-30 to +80	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	1250	1250

Input

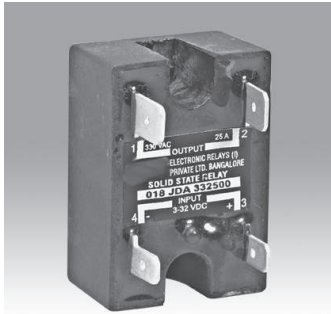
Output

**Single Phase SSR (240VAC)  
10 ~ 40 Amps**

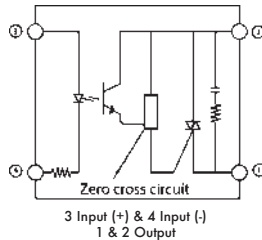
**INPUT** : DC Control,  
**OUTPUT** : Triac output



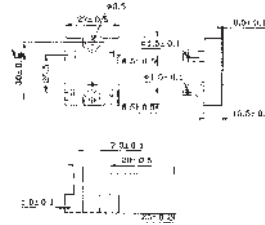
Series : 018 JK



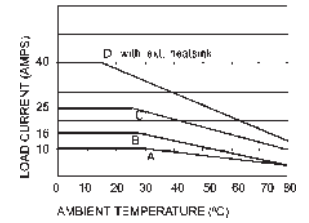
**Schematic**



**Mechanical Drawing**



**Derating Curve**



A = 3.2°C/W    B = 1.0°C/W  
C & D = 0.5°C/W

For Heatsink details refer to  
"Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • TTL/CMOS Compatible (Sink mode) • Output : NO/NC Configuration • Safety cover provision • Built-In Snubber • Chassis Mountable/DIN Mountable with Integral heatsink • Reverse Voltage Protection

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	018 JDA 331000	018 JDA 331600	018 JDA 332500	018 JDA 334000
Control Volt Range		Vdc	3-32	3-32	3-32	3-32
Control Current Range		m A	1-20	1-20	1-20	1-20
Pick-Up Voltage		Vdc	3.0	3.0	3.0	3.0
Drop-Out Voltage		Vdc	1.0	1.0	1.0	1.0
Input Resistance		K ohms	1.8	1.8	1.8	1.8
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains Control Volt	V <sub>rms</sub>	Vac	24-480	24-480	24-480	24-480
Rep Peak Off State Voltage	V <sub>drm</sub>	V <sub>pk</sub>	600~800	600~800	600~800	600~800
Off State Leakage Curr	I <sub>drm</sub>	mA	10	10	10	10
Zero T-On Voltage		V <sub>pk</sub>	25	25	25	25
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.6	1.85	1.85
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	100	160	250	300
Holding Current	I <sub>H</sub>	mA	75	75	150	150
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	200	250	250
Thermal Resistance	R <sub>TH</sub>	°C/W	3.4	2.5	1.5	1.2
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10	10
Turn -Off	T- Off	ms	10	10	10	10
Operating Temp	T Oper	°C	-30 to +80	-30 to +80	-30 to +80	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50	120	300	400

Input

Output

**Single Phase SSR (660VAC)  
50 ~ 90 Amps**

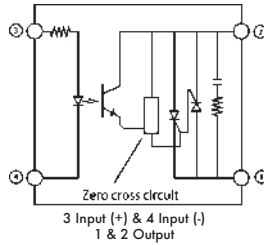
**INPUT** : DC Control,  
**OUTPUT** : Direct Copper Bonded Back - to - Back SCR



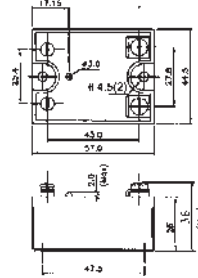
Series : 020 D/KD



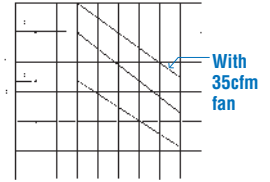
**Schematic**



**Mechanical Drawing**



**Derating Curve**



$F = 0.14^{\circ}C/W$

For Heatsink details refer to "Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Reverse Voltage Protection; TTL/CMOS Compatible (Sink mode) • Output : NO Configuration • Safety cover provision • Built-In Snubber • Higher load cycle resistance • High thermal cycling capacity • High Fusing current • Chassis Mountable / DIN Mountable with Integral heatsink.

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'KD' in place of 'D'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS		
Parameter	Symbol	Unit	020 D 125000	020 D 127500	020 D 129000
Control Volt Range		Vdc	4-32	4-32	4-32
Control Curr Range		m A	8-35	8-35	8-35
Pick-Up Voltage		Vdc	4.0	4.0	4.0
Drop-Out Voltage		Vdc	1.0	1.0	1.0
Input Resistance			Current Regulator	Current Regulator	Current Regulator
<b>Rms On State Current</b>	<b><math>I_T</math></b>	<b>A</b>	<b>50</b>	<b>75</b>	<b>90</b>
Mains Control Volt	$V_{rms}$	Vac	48 -660	48-660	48-660
Peak Off State Voltage	$V_{drm}$	Vpk	1200	1200	1200
Off State Leakage Curr	$I_{drm}$	mA	5	5	5
Zero T-On Voltage		Vpk	20	20	20
On state Voltage Drop	$V_{TM}$	Vac	1.6	2.0	2.0
Peak one Cycle Surge Curr(Non Rep)	$I_{TSM}$	A	500	1150	1350
Holding Current	$I_H$	mA	300	300	300
Critical Rate of Rise of Off State Voltage	$dv/dt$	V/ $\mu$ s	1000	1000	1000
Thermal Resistance	$R_{TH}$	$^{\circ}C/W$	0.7	0.6	0.3
Frequency Range	$f$	Hz	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10
Turn-Off	T-Off	ms	10	10	10
Operating Temp	T Oper	$^{\circ}C$	-30 to +80	-30 to +80	-30 to +80
Fusing Current	$I_T^2$	A $^2$ S	1250	5000	5000

Input

Output

\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

**Single Phase SSR (660VAC)  
125 ~ 205 Amps**

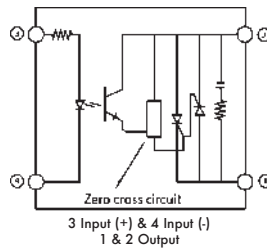
**INPUT** : DC Control,  
**OUTPUT** : Direct Copper Bonded Back - to - Back SCR



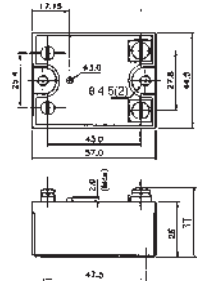
Series : 020 D/KD



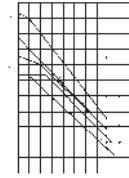
**Schematic**



**Mechanical Drawing**



**Derating Curve**



Heatsink Rth = 0.14°C/W  
with cooling fan of 70CFM for 125A &  
100CFM for 150-205A

For Heatsink details refer to  
"Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Reverse Voltage Protection; TTL/CMOS Compatible (Sink mode) • Output : NO Configuration • Safety cover provision • Built-In Snubber • Higher load cycle resistance • High thermal cycling Capacity • High Fusing current • Chassis Mountable / DIN Mountable with Integral heatsink.

**Electrical Specification @ TA = 25°C**

**Note: For Random T - On SSR, add letter 'KD' in place of 'D'.**

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	020 D 1212500	020 D 1215000	020 D 1217500	020 D 1220500
Control Volt Range		Vdc	4-32	4-32	4-32	4-32
Control Curr Range		m A	8-35	8-35	8-35	8-35
Pick-Up Voltage		Vdc	4.0	4.0	4.0	4.0
Drop-Out Voltage		Vdc	1.0	1.0	1.0	1.0
Input Resistance			Current Regulator	Current Regulator	Current Regulator	Current Regulator
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>125</b>	<b>150</b>	<b>175</b>	<b>205</b>
Mains Control Volt	V <sub>rms</sub>	Vac	48-660	48-660	48-660	48-660
Peak Off State Voltage	V <sub>drm</sub>	V <sub>pk</sub>	1200	1200	1200	1200
Off State Leakage Curr	I <sub>drm</sub>	mA	5	5	5	5
Zero T-On Voltage		V <sub>pk</sub>	20	20	20	20
On state Voltage Drop	V <sub>TM</sub>	Vac	2.0	2.0	2.0	2.0
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	1350	1350	1500	2250
Holding Current	I <sub>H</sub>	mA	300	500	500	500
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	1000	1000	1000	1000
Thermal Resistance	R <sub>TH</sub>	°C/W	0.35	0.35	0.25	0.1
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10	10
Turn-Off	T-Off	ms	10	10	10	10
Operating Temp	T Oper	°C	-25 to +80	-25 to +80	-25 to +80	-25 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	5000	8000	15000	25000

\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

**Single Phase SSR (660VAC)  
50 ~ 90 Amps**

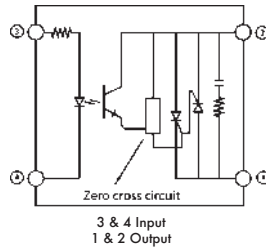
**INPUT** : AC Control,  
**OUTPUT** : Direct Copper Bonded Back - to - Back SCR



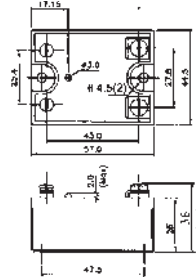
Series : 020 A/KA



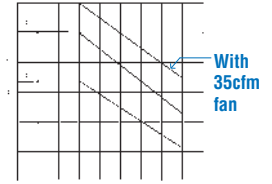
**Schematic**



**Mechanical Drawing**



**Derating Curve**



$F = 0.14^{\circ}C/W$

For Heatsink details refer to "Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Output : NO Configuration • Safety cover provision • Built-In Snubber • Higher load cycle resistance • High thermal cycling Capacity • High Fusing current • Chassis Mountable / DIN Mountable with Integral heatsink.

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'KA' in place of 'A'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS		
Parameter	Symbol	Unit	020 A 125028	020 A 127528	020 A 129028
Control Volt Range		Vac	90-280	90-280	90-280
Control Curr Range		m A	9-18	9-18	9 -18
Pick-Up Voltage		Vac	90	90	90
Drop-Out Voltage		Vac	45	45	45
Input Resistance		K Ohms	20.0(Typ)	20.0(Typ)	20.0(Typ)
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>50</b>	<b>75</b>	<b>90</b>
Mains Control Volt	V <sub>rms</sub>	Vac	48-660	48-660	48-660
Peak Off State Voltage	V <sub>drm</sub>	Vpk	1200	1200	1200
Off State Leakage Curr	I <sub>drm</sub>	mA	5	5	5
Zero T-On Voltage		Vpk	20	20	20
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	2.0	2.0
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	500	1150	1350
Holding Current	I <sub>H</sub>	mA	300	300	300
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	1000	1000	1000
Thermal Resistance	R <sub>TH</sub>	°C/W	0.7	0.6	0.3
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	40	40	40
Turn-Off	T-Off	ms	80	80	80
Operating Temp	T Oper	°C	-25 to +80	-25 to +80	-25 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	1250	5000	5000

Input

Output

\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

**Single Phase SSR (660VAC)  
125 ~ 205 Amps**

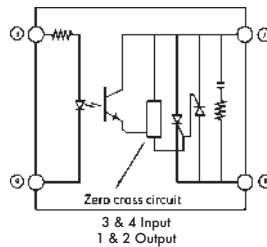
**INPUT** : AC Control,  
**OUTPUT** : Direct Copper Bonded Back - to - Back SCR



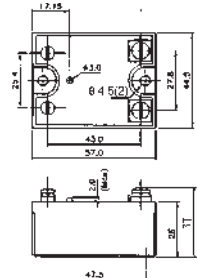
Series : 020 A/KA



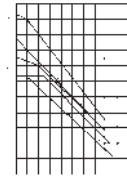
**Schematic**



**Mechanical Drawing**



**Derating Curve**



Heatsink Rth = 0.14°C/W  
with cooling fan of 70CFM for 125A &  
100CFM for 150-205A

For Heatsink details refer to  
"Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Output : NO Configuration • Safety cover provision
- Built-In Snubber • Higher load cycle resistance • High thermal cycling Capacity • High Fusing current. • Chassis Mountable / DIN Mountable with Integral heatsink.

**Electrical Specification @ TA = 25°C**

**Note:** For Random T - On SSR, add letter 'KA' in place of 'A'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	020 A 1212528	020 A 1215028	020 A 1217528	020 A 1220528
Control Volt Range		Vac	90-280	90-280	90-280	90-280
Control Curr Range		m A	9-18	9-18	9-18	9-18
Pick-Up Voltage		Vac	90	90	90	90
Drop-Out Voltage		Vac	45	45	45	45
Input Resistance		K Ohms	20.0(Typ)	20.0(Typ)	20.0(Typ)	20.0(Typ)
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>125</b>	<b>150</b>	<b>175</b>	<b>205</b>
Mains Control Volt	V <sub>rms</sub>	Vac	48-660	48-660	48-660	48-660
Peak Off State Voltage	V <sub>drm</sub>	V <sub>pk</sub>	1200	1200	1200	1200
Off State Leakage Curr	I <sub>drm</sub>	mA	5	5	5	5
Zero T-On Voltage			20	20	20	20
On state Voltage Drop	V <sub>TM</sub>	Vac	2.0	2.0	2.0	2.0
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	1350	1350	1500	2250
Holding Current	I <sub>H</sub>	mA	300	500	500	500
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	1000	1000	1000	1000
Thermal Resistance	R <sub>TH</sub>	°C/W	0.35	0.35	0.25	0.1
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	40	40	40	40
Turn -Off	T- Off	ms	80	80	80	80
Operating Temp	T Oper	°C	-25 to +80	-25 to +80	-25 to +80	-25 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	5000	8000	15000	25000

Input

Output

\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.



# Single Phase SSR (240VAC) 2 Amps

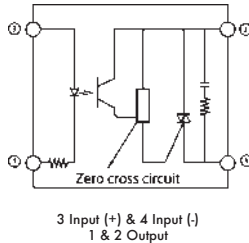
INPUT : DC Control,  
OUTPUT : Triac



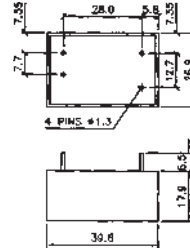
Series : 002 J/K



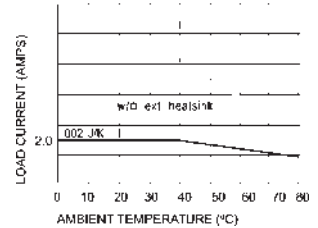
Schematic



Mechanical Drawing



Derating Curve



### Salient Features

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Reverse Voltage Protection; TTL/CMOS Comptible (Sink mode) • Output : NO/NC Configuration • Built-In Snubber • PCB Mountable • Pins are polarised

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS
Parameter	Symbol	Unit	002 JDA 330200
Control Volt Range		Vdc	3-32
Control Curr Range		m A	1-30
Pick-Up Voltage		Vdc	3.0
Drop-Out Voltage		Vdc	1.0
Input Resistance		K Ohms	Current Regulator
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>2.0</b>
Mains Control Volt	V <sub>rms</sub>	Vac	24-330
Non-Rep Peak Off State Voltage	V <sub>drm</sub>	Vpk	600
Off State Leakage Curr	I <sub>drm</sub>	mA	10
Zero T-On Voltage		Vpk	25
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	100
Holding Current	I <sub>H</sub>	mA	75
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200
Thermal Resistance	R <sub>TH</sub>	°C/W	2.0
Frequency Range	f	Hz	47 ~ 63
Turn-On	T-On	ms	10
Turn -Off	T-Off	ms	10
Operating Temp	T Oper	°C	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50

Input

Output

**Single Phase SSR (240VAC)**  
2 ~ 7 Amps

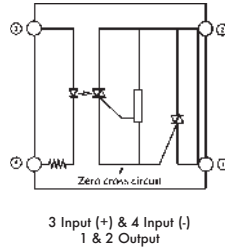
INPUT : DC Control,  
OUTPUT : Triac



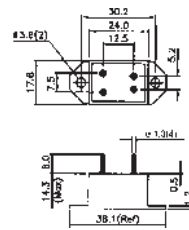
Series : 006 J/K



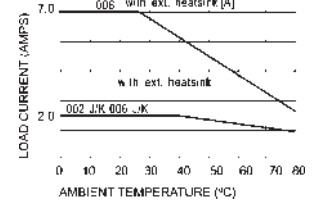
Schematic



Mechanical Drawing



Derating Curve



A = 3.2°C/W  
For Heatsink details refer to "Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Reverse Voltage Protection; TTL/CMOS Comptible (Sink mode) • PCB Mountable • Chassis Mountable.

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS	
Parameter	Symbol	Unit	006 JDA 330205	006 JDA 330705
Control Volt Range		Vdc	5/12/24	5/12/24
Control Curr Range		m A	10	10
Pick-Up Voltage		Vdc	5/12/24	5/12/24
Drop-Out Voltage		Vdc	1/3/5	1/3/5
Input Resistance		K Ohms	0.5/1.2/2.2	0.5/1.2/2.2
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>2.0</b>	<b>7.0</b>
Mains Control Volt	V <sub>rms</sub>	Vac	24-330	24-330
Non-Rep Peak Off State Voltage	V <sub>drm</sub>	V <sub>pk</sub>	600	600
Off State Leakage Curr	I <sub>drm</sub>	µA	100	100
Zero T-On Voltage		V <sub>pk</sub>	25	25
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.6
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	100	100
Holding Current	I <sub>H</sub>	mA	75	75
Critical Rate of Rise of Off State Voltage	dv/dt	V/µs	200	200
Thermal Resistance	R <sub>TH</sub>	°C/W	1.6	1.6
Frequency Range	f	Hz	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10
Turn -Off	T-Off	ms	10	10
Operating Temp	T Oper	°C	-30 to +80	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50	50

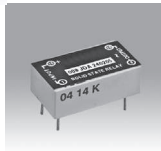
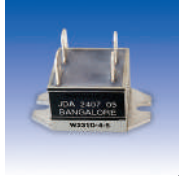
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

**Single Phase SSR (240VAC)  
2 ~ 4 Amps**

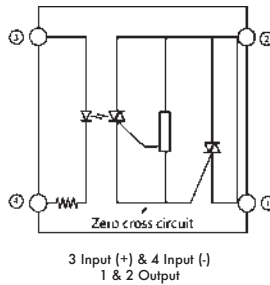
INPUT : DC Control,  
OUTPUT : Triac



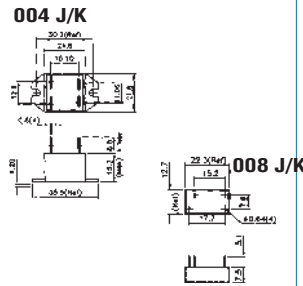
Series : 004/008 J/K



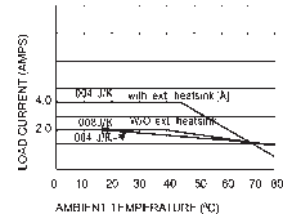
**Schematic**



**Mechanical Drawing**



**Derating Curve**



A = 3.2°C/W  
For Heatsink details refer to  
"Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Reverse Voltage Protection; TTL/CMOS Comptible (Sink mode) • PCB Mountable • Compatible to Std IC base(008/010 Series only).

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS	
Parameter	Symbol	Unit	004 JDA 330405	008 JDA 330205
Control Volt Range		Vdc	5/12/24	5/12/24
Control Curr Range		m A	5-15	5-15
Pick-Up Voltage		Vdc	5/12/24	5/12/24
Drop-Out Voltage		Vdc	1/3/5	1/3/5
Input Resistance		K Ohms	0.5 - 2.0(Typ)	0.5 - 2.0(Typ)
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>4.0</b>	<b>2.0</b>
Mains Control Volt	V <sub>rms</sub>	Vac	24-330	24-330
State Voltage	V <sub>drm</sub>	Vpk	600	600
Off State Leakage Curr	I <sub>drm</sub>	mA	10	10
Zero T-On Voltage		Vpk	25	25
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.6
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	100	100
Holding Current	I <sub>H</sub>	mA	75	75
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	200
Thermal Resistance	R <sub>TH</sub>	°C/W	1.0	0.88
Frequency Range	f	Hz	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10
Turn-Off	T-Off	ms	10	10
Operating Temp	T Oper	°C	-30 to +80	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50	50

Input

Output

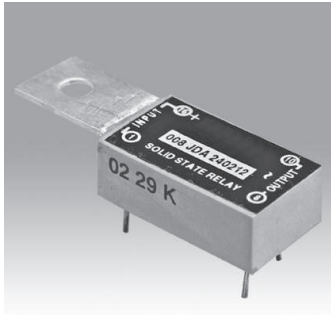
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

**Single Phase SSR (240VAC)  
3 Amps**

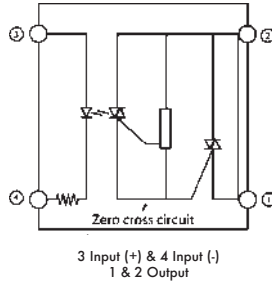
INPUT : DC Control,  
OUTPUT : Triac



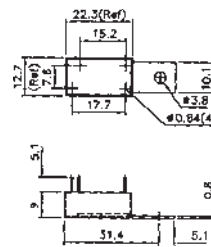
Series : 010 J/K



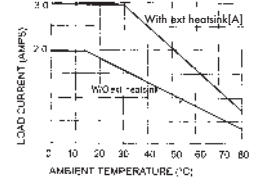
Schematic



Mechanical Drawing



Derating Curve



A = 3.2°C/W  
For Heatsink details refer to "Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Zero Voltage Turn On/Random Turn On • Reverse Voltage Protection; TTL/CMOS Comptible (Sink mode) • PCB Mountable • Compatible to Std IC base(008/010 Series only).

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS
Parameter	Symbol	Unit	010 JDA 330305
Control Volt Range		Vdc	5/12/24
Control Curr Range		m A	5-15
Pick-Up Voltage		Vdc	5/12/24
Drop-Out Voltage		Vdc	1/3/5
Input Resistance		K Ohms	0.5 - 2.0(Typ)
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>3.0</b>
Mains Control Volt	V <sub>rms</sub>	Vac	24-330
State Voltage	V <sub>drm</sub>	Vpk	600
Off State Leakage Curr	I <sub>drm</sub>	mA	10
Zero T-On Voltage		Vpk	25
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	100
Holding Current	I <sub>H</sub>	mA	75
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200
Thermal Resistance	R <sub>TH</sub>	°C/W	0.88
Frequency Range	f	Hz	47 ~ 63
Turn-On	T-On	ms	10
Turn-Off	T-Off	ms	10
Operating Temp	T Oper	°C	-30 to +80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50

Input

Output

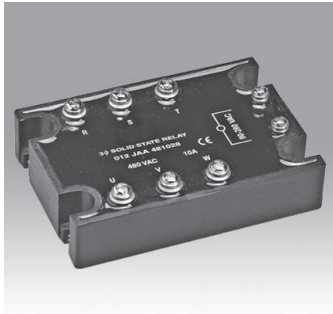
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

# Three Phase SSR (480VAC) 10 ~ 40 Amps

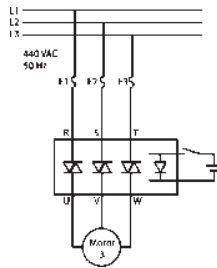
INPUT : DC Control,  
OUTPUT : Triac



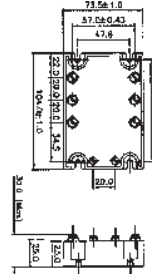
Series : 012 J/K



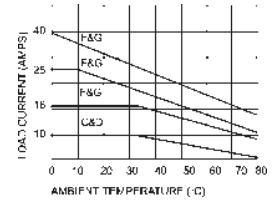
Schematic



Mechanical Drawing



Derating Curve



C & D = 0.5°C/W  
F & G = 0.14°C/W

For Heatsink details refer to "Recommended Heatsink" chart

## Salient Features

- Opto Isolation 2500 VAC • Voltage Range 50 to 480 Vac
- Load Current 3x10A/16A/25A/40A • Reverse Polarity Protection

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	012 JDA 481000	012 JDA 481600	012 JDA 482500	012 JDA 484000
Control Volt Range		Vdc	3-32	3-32	3-32	3-32
Control Curr Range		m A	80	80	80	80
Pick-Up Voltage		Vdc	3.0	3.0	3.0	3.0
Drop-Out Voltage		Vdc	1.0	1.0	1.0	1.0
Input Resistance			Current Regulator	Current Regulator	Current Regulator	Current Regulator
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains Control Volt	V <sub>rms</sub>	Vac	50-480	50-480	50-480	50-480
Peak Off State Voltage	V <sub>drm</sub>	Vpk	800 ~ 1200	800 ~ 1200	800 ~ 1200	800 ~ 1200
Off State Leakage Curr	I <sub>drm</sub>	mA	10	10	10	10
Zero T-On Voltage		Vpk	20	20	20	20
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.6	1.85	1.85
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	100	160	250	350
Holding Current	I <sub>H</sub>	mA	150	150	250	250
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	200	250	250
Thermal Resistance	R <sub>TH</sub>	°C/W	3.5	2.5	1.5	1.0
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10	10
Turn-Off	T-Off	ms	10	10	10	10
Operating Temp	T Oper	°C	- 30 to + 80	- 30 to + 80	- 30 to + 80	- 30 to + 80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	50	120	260	610

\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

**Three Phase SSR (480VAC)  
50 ~ 90 Amps**

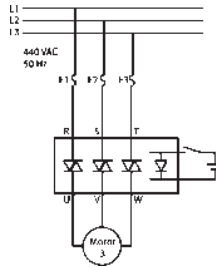
**INPUT** : DC Control,  
**OUTPUT** : Direct Copper Bonded Back - to - Back SCR



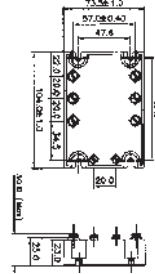
Series : 012 SJ/K



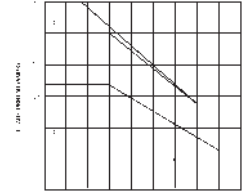
**Schematic**



**Mechanical Drawing**



**Derating Curve**



F = 0.14°C/W

For Heatsink details refer to "Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Voltage Range 50 to 480 Vac • Load Current 3x50A/75A/90A
- Reverse Polarity Protection for DC Input Control.

**Electrical Specification @ TA = 25°C**

**Note: For Random T - On SSR, add letter 'K' in place of 'J'.**

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS		
Parameter	Symbol	Unit	012 SJDA 485000	012 SJDA 487500	012 SJDA 489000
Control Volt Range		Vdc	4-32	4-32	4-32
Control Curr Range		m A	8-80	8-80	8-80
Pick-Up Voltage		Vdc	4.0	4.0	4.0
Drop-Out Voltage		Vdc	1.0	1.0	1.0
Input Resistance			Current Regulator	Current Regulator	Current Regulator
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>50</b>	<b>75</b>	<b>90</b>
Mains Control Volt	V <sub>rms</sub>	Vac	50-480	50-480	50-480
Peak Off State Voltage	V <sub>drm</sub>	Vpk	800 ~ 1200	800 ~ 1200	800 ~ 1200
Off State Leakage Curr	I <sub>drm</sub>	mA	10	10	10
Zero T-On Voltage		Vpk	20	20	20
On state Voltage Drop	V <sub>TM</sub>	Vac	2	2	2
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	500	1150	1150
Holding Current	I <sub>H</sub>	mA	250	300	300
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	1000	1000	1000
Thermal Resistance	R <sub>TH</sub>	°C/W	0.7	0.6	0.3
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10
Turn-Off	T-Off	ms	10	10	10
Operating Temp	T Oper	°C	- 30 to + 80	- 30 to + 80	- 30 to + 80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	1250	5000	5000

\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

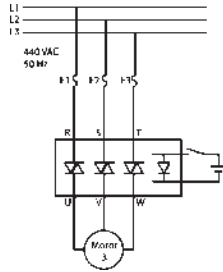


**Three Phase SSR (480VAC)  
50 ~ 90 Amps**

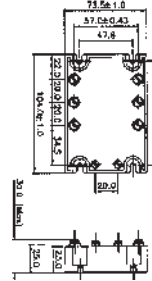
**INPUT** : AC Control,  
**OUTPUT** : Direct Copper bonded Back - to - Back SCR



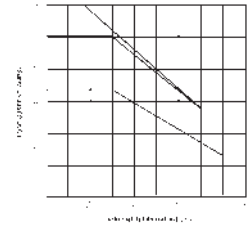
**Schematic**



**Mechanical Drawing**



**Derating Curve**



$F = 0.14^{\circ}\text{C}/\text{W}$

For Heatsink details refer to "Recommended Heatsink" chart

Series : 012 SJ/K

**Salient Features**

- Opto Isolation 2500 VAC • Voltage Range 50 to 480 Vac • Load Current 3x50A/75A/90A

**Electrical Specification @ TA = 25°C**

**Note: For Random T - On SSR, add letter 'K' in place of 'J'.**

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS		
Parameter	Symbol	Unit	012 SJAA 485028	012 SJAA 487528	012 SJAA 489028
Control Volt Range		Vac	90-280	90-280	90-280
Control Curr Range		m A	8-80	8-80	8-80
Pick-Up Voltage		Vac	90	90	90
Drop-Out Voltage		Vac	45	45	45
Input Resistance		K Ohms	13.0(Typ)	13.0(Typ)	13.0(Typ)
<b>Rms On State Current</b>	<b><math>I_T</math></b>	<b>A</b>	<b>50</b>	<b>75</b>	<b>90</b>
Mains Control Volt	$V_{rms}$	Vac	50-480	50-480	50-480
Peak Off State Voltage	$V_{drm}$	Vpk	800 ~ 1200	800 ~ 1200	800 ~ 1200
Off State Leakage Curr	$I_{drm}$	mA	10	10	10
Zero T-On Voltage		Vpk	35	35	35
On state Voltage Drop	$V_{TM}$	Vac	2	2	2
Peak one Cycle Surge Curr(Non Rep)	$I_{TSM}$	A	500	1150	1150
Holding Current	$I_H$	mA	250	300	300
Critical Rate of Rise of Off State Voltage	$dv/dt$	V/ $\mu$ s	1000	1000	1000
Thermal Resistance	$R_{TH}$	$^{\circ}\text{C}/\text{W}$	0.7	0.6	0.3
Frequency Range	$f$	Hz	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	40	40	40
Turn -Off	T- Off	ms	80	80	80
Operating Temp	T Oper	$^{\circ}\text{C}$	- 30 to + 80	- 30 to + 80	- 30 to + 80
Fusing Current	$I_T^2$	A <sup>2</sup> S	1250	5000	5000

Input

Output

\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

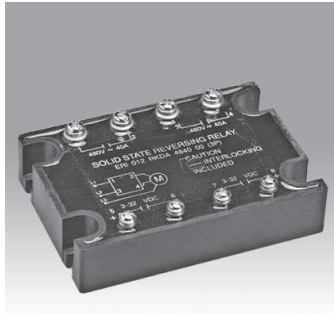


# Three Phase Motor Reversing SSR (480VAC) 10 ~ 40 Amps

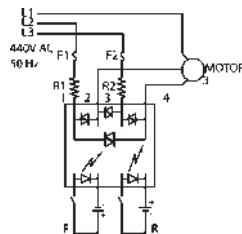
INPUT : DC Control,  
OUTPUT : Triac



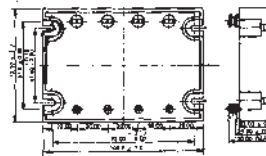
Series : 012 RJ/K



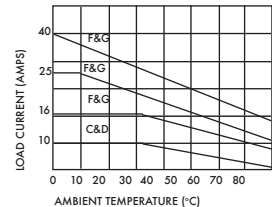
Schematic



Mechanical Drawing



Derating Curve



C & D = 0.5°C/W  
F & G = 0.14°C/W

For Heatsink details refer to "Recommended Heatsink" chart

## Salient Features

- Opto Isolation 2500 VAC • Voltage Range 50 to 480 Vac • Load Current 2x10A/16A/25A/40A
- Reverse Polarity Protection for DC Input Control • Interlocking Protection included.

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	012 RJDA 481000	012 RJDA 481600	012 RJDA 482500	012 RJDA 484000
Control Volt Range	Vdc		4-32	4-32	4-32	4-32
Control Curr Range	m A		80	80	80	80
Pick-Up Voltage	Vdc		4.0	4.0	4.0	4.0
Drop-Out Voltage	mA		1.0	1.0	1.0	1.0
Input Resistance			Current Regulator	Current Regulator	Current Regulator	Current Regulator
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains Control Volt	V <sub>rms</sub>	Vac	50-480	50-480	50-480	50-480
Peak Off State Voltage	V <sub>drm</sub>	V <sub>pk</sub>	800 ~ 1200	800 ~ 1200	800 ~ 1200	800 ~ 1200
Off State Leakage Curr	I <sub>drm</sub>	mA	10	10	10	10
Zero T-On Voltage	V <sub>pk</sub>		20	20	20	20
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.6	1.85	1.85
Peak one Cycle Surge Curr (Non Rep)	I <sub>TSM</sub>	A	100	160	250	350
Holding Current	I <sub>H</sub>	mA	100	100	250	250
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	200	250	250
Thermal Resistance	R <sub>TH</sub>	°C/W	3.5	2.5	1.5	1.0
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10	10
Turn-Off	T-Off	ms	10	10	10	10
Operating Temp	T Oper	°C	- 30 to + 80	- 30 to + 80	- 30 to + 80	- 30 to + 80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A²S	50	120	260	560

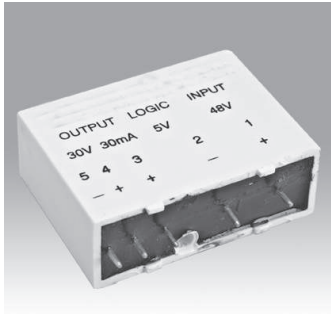
Input

Output

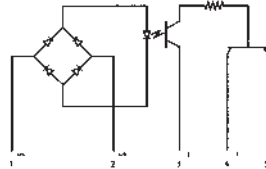
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.



Series : 104

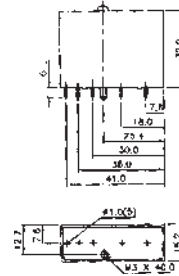


Schematic



1 & 2 AC Input, 3 Logic Supply, 4 Output, 5 Common

Mechanical Drawing



**Highlights**

- Compatible to TTL and CMOS logic
- LED indication
- Industrial standard package with hold-down screw
- PCB Mountable
- Pins are polarised

Electrical Specification @ TA = 25°C

ELECTRICAL SPECIFICATIONS		PRODUCT PART NUMBERS	
		104 AI 032528	
Parameter	Units	Min	Max
Input On Voltage	V(RMS)	180	280
Input Off Voltage	V(RMS)	0.0	15
Allowable Input Current for Output Off-StateA(RMS)		0.0	0.25
Input Current at 240 VRMS	mA(RMS)		3.0
Frequency range	Hz	47	63
Input Impedence	K Ohms	64	96
Over Voltage	Vpk		600
Isolation Voltage	V(RMS)	2500	
Note : All voltages referenced to Pin 5			
Breakdown voltage (Pin 5)	VDC	30	
Output Current (Pin 4)	mA		25
On-State Voltage (Pin 4) (at 25 mADC)	VDC		0.4
Off-State Leakage (Pin 4) (at 30 VDC)	µA		100
Logic supply voltage (Pin 3)	VDC	3.5	6.0
Logic supply Current (Pin 3) No External LED	mA		8.0
Logic supply Current with External LED	mA		5.5
Turn-On Time	mS		20
Turn-Off Time	mS		20
Operating Temperature	°C	-30	80

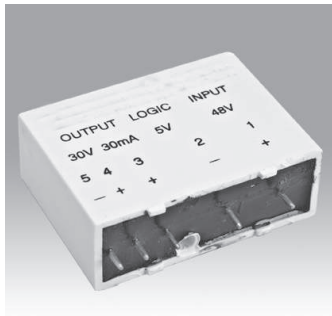
Input

Output

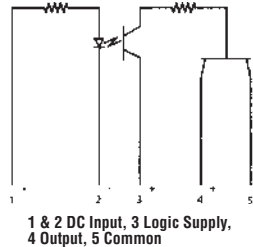
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.



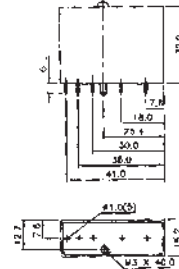
Series : 104



Schematic



Mechanical Drawing



**Highlights**

- Compatible to TTL and CMOS logic
- LED indication
- Industrial standard package with hold-down screw
- PCB Mountable
- Pins are polarised

Electrical Specification @ TA = 25°C

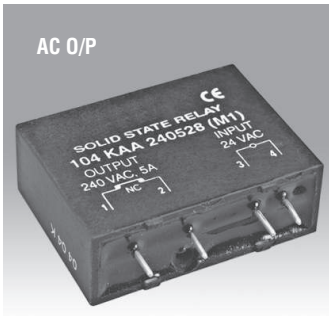
ELECTRICAL SPECIFICATIONS		PRODUCT PART NUMBERS	
		104 DI 032505	
Parameter	Units	Min	Max
Input On Voltage	VDC	3.0	32
Input Off Voltage	VDC	0.0	1.0
Allowable Input Current for Output Off-State	mA	0.0	0.25
Input Current at 5 VDC	mA	2	4.0
Frequency range	-	-	-
Input Resistance	Ohms	0.85	1.86
Isolation Voltage	V(RMS)	2500	
Note : All voltages referenced to Pin 5			
Breakdown voltage (Pin 5)	VDC	30	
Output Current (Pinn 4)	mA		25
On-State Voltage (Pin 4) (at 25 mADC	VDC		0.4
Off-State Leakage (Pin 4) (at 30 VDC)	µA		100
Logic supply voltage (Pin 3)	VDC	3.5	6.0
Logic supply Current (Pin 3) No External LED	mA		8.0
Logic supply Current with External LED	mA		5.5
Turn-On Time	mS		5
Turn-Off Time	mS		5
Operating Temperature	°c	-30	80

Input

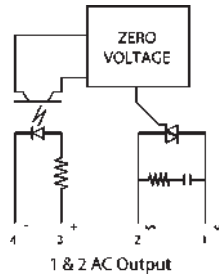
Output



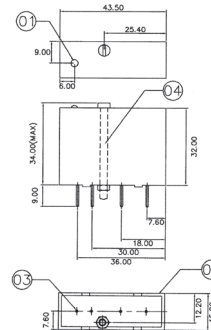
Series : 104



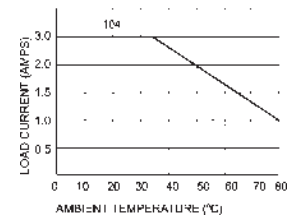
Schematic



Mechanical Drawing



Derating Curve



**Highlights**

- Compatible to TTL and CMOS logic
- Zero Voltage or Random turn on
- LED indication
- PCB Mountable
- Pins are polarised
- Industrial standard package with hold-down screw

**Electrical Specification @ TA = 25°C**

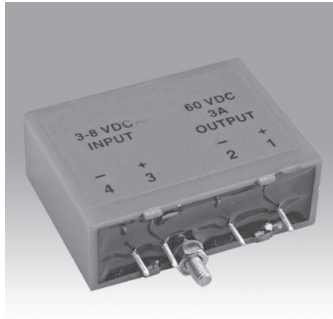
ELECTRICAL SPECIFICATIONS		PRODUCT PART NUMBERS	
		104 AO 240305	
Parameter	Units	Min	Max
Input On Voltage	VDC	3.0	8.0
Input Off Voltage	VDC	-8.0	1.0
Input Current at 5 VDC	mA		10
Input Resistance	Ohms	445	815
Isolation Voltage	V(RMS)	2500	
Load Current at 45°C	A(RMS)	0.05	3.0
Load Voltage	V(RMS)	24	280
Frequency Range	Hz	47	63
Surge Current Non-repetive (1 cycle)	Apk		80
Transient over-voltage	Vpk		600
On- state Voltage @ Rated Current	VRMS	1.5	
Off-State Leakage @ 240 VRMS	mA(RMS)		5
Off-State dv/dt	V/μs	200	
Turn-On Time (Next Zero Voltage	Cycle		1/2
Turn-Off Time (Next Zero current)	Cycle		1/2
Operating Temperature	°c	-30	80

Input

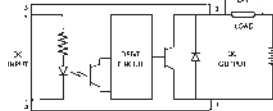
Output



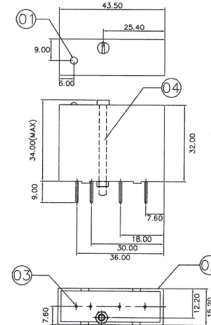
Series : 104



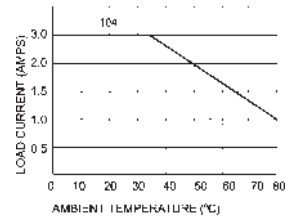
Schematic



Mechanical Drawing



Derating Curve



**Highlights**

- Compatible to TTL • Compatible to CMOS logic (optional) • LED indication • PCB Mountable • Pins are polarised
- Industrial standard package with hold down screw

Electrical Specification @ TA = 25°C

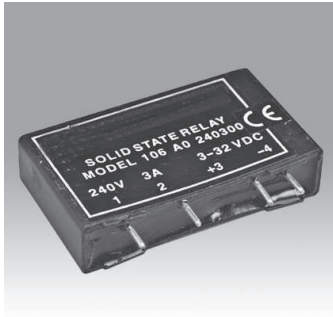
ELECTRICAL SPECIFICATIONS		PRODUCT PART NUMBERS	
		104 DO 060300	
Parameter	Units	Min	Max
Input On Voltage	VDC	3.0	32
Input Off Voltage	VDC	-8.0	1.0
Input Current at 5 VDC	mA		13
Input Resistance	Ohms	270	580
Isolation Voltage	V(RMS)	2500	
Load Current at 45°C	A(RMS)	0.05	3.0
Load Voltage	VDC	3.0	60
Surge Current(1 Sec)		5.0	A
Transient over-voltage	Vpk		600
On-State Voltage @ Rated Current	VDC		1.5
Off-State Leakage @ 60 VDC	mA		1
Turn-On Time	µS		200
Turn-Off Time	µS		750
Operating Temperature	°C	-30	80

Input

Output

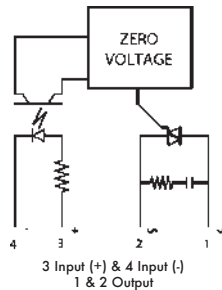


Series : 106

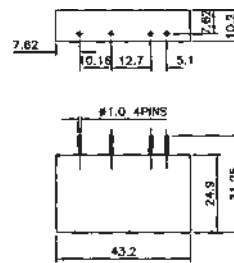


JDA241000

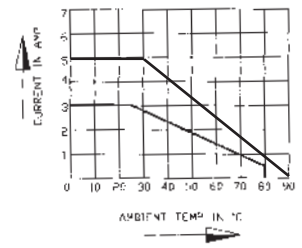
Schematic



Mechanical Drawing



Derating Curve



### Highlights

- Compatible to TTL logic
- Built in zero cross circuit
- Low profile module
- High Repetitive off state voltage
- Pins are polarised

### Electrical Specification @ TA = 25°C

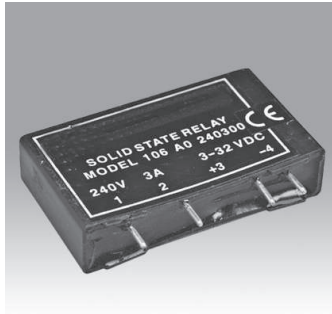
ELECTRICAL SPECIFICATIONS		PRODUCT PART NUMBERS		
Parameter	Units	106 AO 240300	106 AO 240500	106 AO 480300
Input On Voltage	VDC	3-32	3-32	3-32
Input Off Voltage	VDC	1	1	1
Input Current at 5 VDC	mA	12	25	12
Input Resistance	Current Regulator	Current Regulator	Current Regulator	Current Regulator
Input Reverse voltage	VDC	32-1	32-1	32-1
Isolation Voltage	V(RMS)	4000	4000	4000
Load Current at 45°C	A	0.05-3	0.05-5	0.05-3
Load Voltage	VRMS	24-240	24-240	24-480
Frequency Range	Hz	47-63	47-63	47-63
Surge Current None-repetive (1 cycle)	A	80	300	80
Transient over-voltage	Vpk	600	600	800
On- state Voltage @ Rated Current	VRMS	1.6	1.6	1.6
Off-State Leakage @ 240 VRMS	mA	5	10	5
Critical rate of rise of off state voltage (dv/dt)V/μs		200	300	200
Turn-On Time (Next Zero Voltage)	Cycle	1/2	1/2	1/2
Turn-Off Time (Next Zero current)	Cycle	1/2	1/2	1/2
Operating Temperature	°C	-30 to +80	-40 to +80	-30 to +80

Input

Output

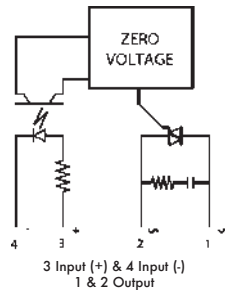


Series : 106

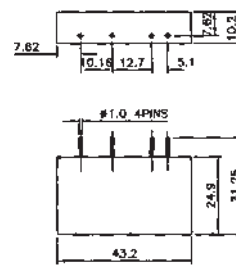


JDA241000

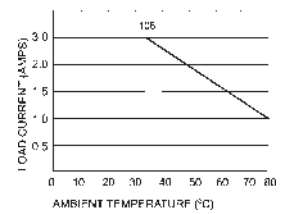
Schematic



Mechanical Drawing



Derating Curve



Highlights

- Compatible to TTL logic
- Built in zero cross circuit
- Low profile module
- High Repetitive off state voltage
- Pins are polarised

Electrical Specification @ TA = 25°C

ELECTRICAL SPECIFICATIONS		PRODUCT PART NUMBERS	
Parameter	Units	106 DO 060300	106 DO 050500
Control Voltage	VDC	3-32	3-32
Typical Input Current	mA	30	30
Must Turn-On Voltage	VDC	3.5	3.5
Must Release Min Voltage	VDC	1.0	1.0
Typical I/P Impedance	OHMS	1.8K ohms	1.8K ohms
Load Voltage Range	Vdc	3-30	3-50
Rated Load Current(Ref. Thermal Derating Curve)	A	3	5
Minimum load current	mA	50	100
Maximum off-state leakage current	mA	1.0	10
Typical On-state Voltage drop	V	1.5	1.5
Maximum Turn-On Time	µS	500	760
Maximum Turn-Off Time	µS	800	850
Dielectric Strength (I/P - O/P Insulation)	Vrms	2500	2500
Operating Temperature Range	°C	-30 to +80	-30 to +85
Storage Temperature Range	°C	-30 to +100	-30 to +125

Input

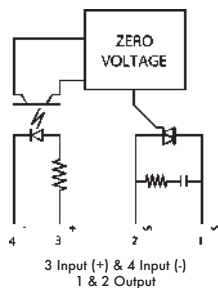
Output



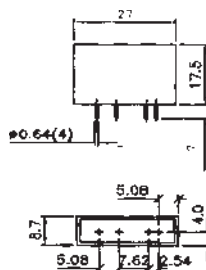
Series : 109



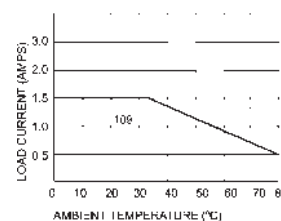
Schematic



Mechanical Drawing



Derating Curve



### Highlights

- Compatible to TTL logic
- Built in zero cross circuit
- Mini Module
- High Repetitive off state voltage
- Pins are polarised

### Electrical Specification @ TA = 25°C

ELECTRICAL SPECIFICATIONS		PRODUCT PART NUMBERS			
		109 AO 240205		001 JDA 331605	
Parameter	Units	Min	Max	Min	Max
Input On Voltage	VDC	4	6	4	6
Input Off Voltage	VDC	1	-	1	-
Input Current at 5 VDC	mA	-	30	-	30
Input Resistance	Ohms		130		130
Input Reverse voltage	VDC	-32	-	-32	-
Isolation Voltage	VRMS	-	4000	-	4000
Load Current at 45°C	A	0.05	2	-	16
Load Voltage	VRMS	24	330	24	330
Frequency Range	Hz	47	63	47	63
Surge Current Non-rep (1 cycle)	A	-	80	-	160
Transient over-voltage	Vpk	-	600	-	600
On- state Voltage @ Rated Current	VRMS	-	1.6	-	1.6
Off-State Leakage @ 240 VRMS	mA	-	5	-	5
Critical rate of rise of off state voltage (dv/dt)	V/μs	200	-	200	-
Turn-On Time (Next Zero Voltage)	Cycle	-	1/2	-	10
Turn-Off Time (Next Zero current)	Cycle	-	1/2	-	10
Operating Temperature	°C	-30	80	-30	80

Input

Output



**DC SSR**  
**02 ~ 40 Amps**

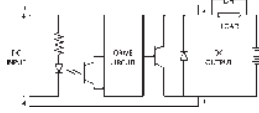
**INPUT** : DC Control,  
**OUTPUT** : Power Darlingtion/MOSFET



Series : 001 K

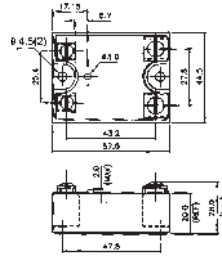


**Schematic**

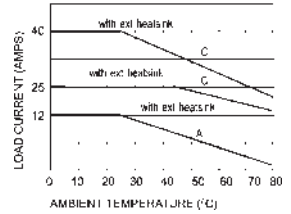


3 Input (+) & 4 Input (-)  
1 & 2 Output

**Mechanical Drawing**



**Derating Curve**



A = 3.2°C/W  
C = 0.5°C/W

For Heatsink details refer to "Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Input Compatible to TTL logic • MOSFET OUTPUT • Reverse Polarity Protection. Chassis Mountable / DIN Rail Mountable with Integral heatsink.

**Electrical Specification @ TA = 25°C**

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	001 KDD 060500	001 KDD 201200	001 KDD 202500	001 KDD 204000
Control Volt Range		Vdc	3.5-32	3.5-32	3.5-32	3.5-32
Control Curr Range		mA	3.5	3.5	3.5	3.5
Pick-Up Voltage		Vdc	3.5	3.5	3.5	3.5
Drop-Out Voltage		Vdc	1.0	1.0	1.0	1.0
Input Resistance			Current Regulator	Current Regulator	Current Regulator	Current Regulator
<b>Load Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>2 ~ 5</b>	<b>12</b>	<b>25</b>	<b>40</b>
Load Voltage		Vdc	60	200	200	200
Surge Curr (1 cycle Surge)			15	27	50	90
On state Voltage Drop	V <sub>TM</sub>	Vdc	2	2.83	2.83	2.83
Off state leakage Current @ rated Voltage		mA	1	1	1	1
Turn-On	T-On	µs	500	600	600	600
Turn -Off	T- Off	µs	800	2600	2600	2600
Operating Temp	T Oper	°C	- 30 to + 80	- 30 to + 80	- 30 to + 80	- 30 to + 80

Input

Output

\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

**DC SSR**  
**2 Amps**

**INPUT** : DC Control  
**OUTPUT** : Power Darlington Transistor



Series : 002K & 006K

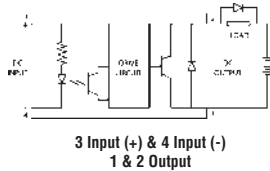


**002K**

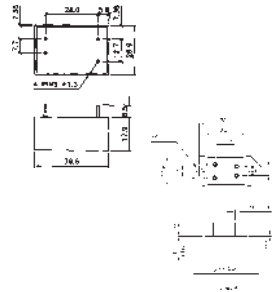
**006K**



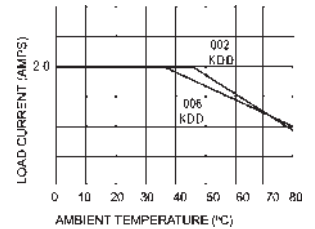
**Schematic**



**Mechanical Drawing**



**Derating Curve**



**Salient Features**

- Opto Isolation 2500 VAC
- Input Compatible to TTL logic
- Power Darlington Transistor
- Reverse Polarity Protection
- Chassis Mountable (006K).

**Electrical Specification @ TA = 25°C**

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS	
Parameter	Symbol	Unit	002 KDD 040205	006 KDD 040205
Control Volt Range		Vdc	3/5/12/24	3/5/12/24
Control Curr Range		m A	3 ~ 15	3 ~ 15
Pick-Up Voltage		Vdc	3/5/12/24	3.0
Drop-Out Voltage		Vdc	1/3/5	1/3/5
Input Resistance			Current Regulator	Current Regulator
<b>Load Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>2</b>	<b>2</b>
Load Voltage		Vdc	40	40
Surge Curr (1 cycle Surge)		10	10	
On state Voltage Drop	V <sub>TM</sub>	Vdc	2	2
Off state leakage Curent @ rated Voltage		mA	1	1
Turn-On	T-On	μs	500	500
Turn-Off	T-Off	μs	800	800
Operating Temp	T Oper	°C	- 30 to + 80	- 30 to + 80

Input

Output

\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

**Single Phase Short Circuit Protected SSR with Auto Reset (240VAC) 25 ~ 90 Amps** INPUT : DC Control, OUTPUT : Direct Copper Bonded Back-to-Back SCR



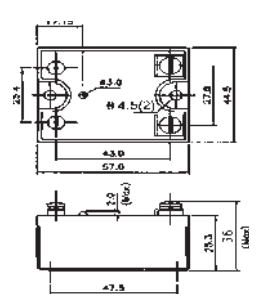
Series : 01SCP



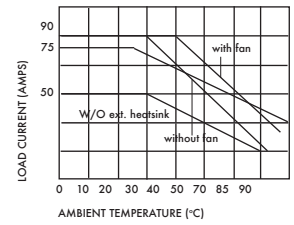
Schematic



Mechanical Drawing



Derating Curve



Heatsink of Rth = 0.14°C/W  
For Heatsink details refer to "Recommended Heatsink" chart

**Salient Features**

- Opto Isolation 2500 VAC • Gets Protected against Load Short Circuits • Zero Voltage Turn On • Reverse Voltage Protection • TTL Compatible (Sink Mode) • Output No Configuration • Built-In Snubber • Chassis Mountable • Higher Load Cycle resistance • High Thermal Cycling Capacity • High Fusing Current.

Electrical Specification @ TA = 25°C

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	SCP 01 D 482500	SCP 01 D 485000	SCP 01 D 487500	SCP 01 D 489000
Control Volt Range		Vdc	6-30	6-30	6-30	6-30
Control Curr Range		m A	50	50	50	50
Pick-Up Voltage		Vdc	6.0	6.0	6.0	6.0
Drop-Out Voltage		Vdc	1.0	1.0	1.0	1.0
Input Resistance			Current Regulator	Current Regulator	Current Regulator	Current Regulator
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>25</b>	<b>50</b>	<b>75</b>	<b>90</b>
Mains Control Volt		Vac	50-480	50-480	50-480	50-480
Peak Off State Voltage	V <sub>drm</sub>	V <sub>pk</sub>	600~800	600~800	600~800	600~800
Off State Leakage Curr I <sub>drm</sub>			10	10	10	10
Zero T-On Voltage		V <sub>pk</sub>	25	25	25	25
On state Voltage Drop V <sub>TM</sub>		Vac	1.8	1.8	2.0	2.0
Peak one Cycle Surge Curr(Non Rep)	I <sub>TSM</sub>	A	520	520	1150	1350
Holding Current	I <sub>H</sub>	mA	300	300	300	300
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	1000	1000	1000	1000
Thermal Resistance	R <sub>TH</sub>	°C/W	0.7	0.7	0.6	0.3
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10	10
Turn -Off	T- Off	ms	10	10	10	10
Operating Temp	T Oper	°C	- 30 to + 80	- 30 to + 80	- 30 to + 80	- 30 to + 80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	1250	1250	5000	10000

Input

Output

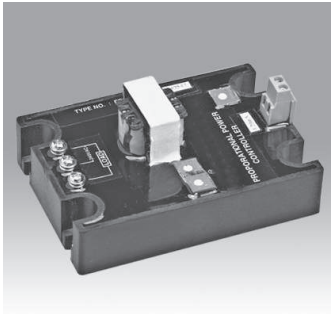
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

# Single Phase Power Proportional Controller (240VAC) 10 ~ 90 Amps

INPUT : DC Control,  
OUTPUT : Triac/SCR Output



Series : 012 PAC



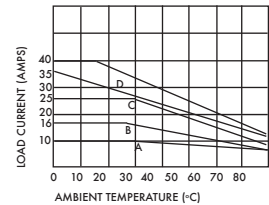
Schematic



Mechanical Drawing



Derating Curve



A = 3.2°C/W B = 1.0°C/W  
C & D = 0.5°C/W

For Heatsink details refer to "Recommended Heatsink" chart

## Salient Features

- Opto Isolation 2500 VAC • Input Control 0~10Vdc or 4~20mA • Built in Power Supply • Built-In Snubber • Chassis Mountable

## Electrical Specification @ TA = 25°C

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	012 PAC 241010/42	012 PAC 241610/42	012 PAC 242510/42	012 PAC 244010/42
Control Volt Range or		Vdc	0-10	0-10	0-10	0-10
Control Curr Range		m A	4 ~ 20	4 ~ 20	4 ~ 20	4 ~ 20
<b>Rms On State Current</b>	$I_T$	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains Control Volt		Vac	200-240	200-240	200-240	200-240
Off state leakage Cur						
Rated Voltage			10	10	10	10
On state Voltage Drop $V_{TM}$		Vac	1.6	1.6	1.85	1.85
Peak one Cycle Surge Curr (Non Rep)	$I_{TSM}$	A	100	160	250	300
Holding Current	$I_H$	mA	75	75	150	150
Critical Rate of Rise of Off State Voltage	dv/dt	V/ $\mu$ s	200	200	250	200
Thermal Resistance	$R_{TH}$	°C/W	3.4	2.5	1.5	1.2
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10	10
Turn-Off	T-Off	ms	10	10	10	10
Operating Temp	T Oper	°C	- 30 to + 80	- 30 to + 80	- 30 to + 80	- 30 to + 80
Fusing Current	$I_T^2$	A²S	50	120	300	400

Input

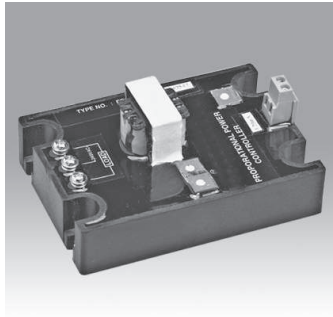
Output

# Single Phase Power Proportional Controller (240VAC) 10 ~ 90 Amps

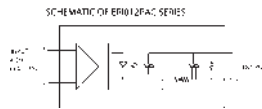
INPUT : DC Control,  
OUTPUT : Triac/SCR Output



Series : 012 PAC



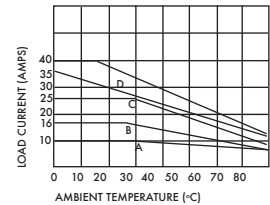
Schematic



Mechanical Drawing



Derating Curve



A = 3.2°C/W    B = 1.0°C/W  
C & D = 0.5°C/W

For Heatsink details refer to "Recommended Heatsink" chart

## Salient Features

- Opto Isolation 2500 VAC
- Input Control 0~10Vdc or 4~20mA
- Built in Power Supply
- Built-In Snubber
- Chassis Mountable

Electrical Specification @ TA = 25°C

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS		
Parameter	Symbol	Unit	012 PAC245010/42	012PAC247510/42	012PAC249010/42
Control Volt Range or		Vdc	0-10	0-10	0-10
Control Curr Range		m A	4 ~ 20	4 ~ 20	4 ~ 20
<b>Rms On State Current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>50</b>	<b>75</b>	<b>90</b>
Mains Control Volt		Vac	200-240	200-240	200-240
Off state leakage Cur					
Rated Voltage			10	10	10
On state Voltage Drop	V <sub>TM</sub>	Vac	1.85	1.85	1.85
Peak one Cycle Surge Curr (Non Rep)	I <sub>TSM</sub>	A	520	1150	1350
Holding Current	I <sub>H</sub>	mA	250	250	250
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	1000	1000	1000
Thermal Resistance	R <sub>TH</sub>	°C/W	.5	.25	.25
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10
Turn-Off	T-Off	ms	10	10	10
Operating Temp	T Oper	°C	- 30 to + 80	- 30 to + 80	- 30 to + 80
Fusing Current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	1250	5000	5000

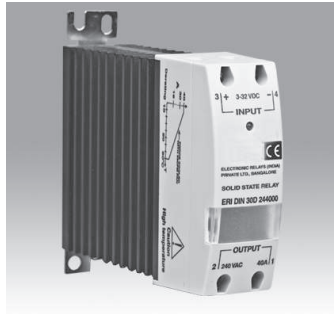
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

**Din Ready SSR (240 VAC)**  
**10 ~ 40 Amps**

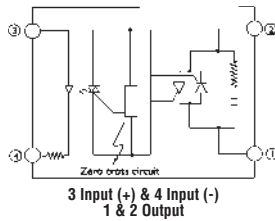
**INPUT** : DC Control,  
**OUTPUT** : Back - to - Back SCR



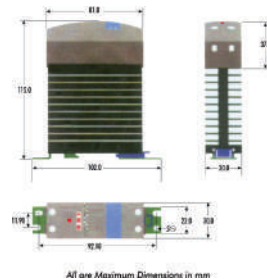
Series : DIN 30D



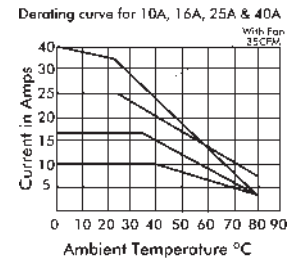
**Schematic**



**Mechanical Drawing**



**Derating Curve**



**Highlights**

- Input: DC Control (TTL or CMOS Compatible) • Output: Back-to-Back SCR (No configuration) • Opto Isolation 2500VAC (4000 V optional) • Zero voltage turn-on or Random turn-on • Built-in safety cover • Reverse voltage protection • Built in snubber for high DV/DT • DIN mount or back plate mounting • LED indicator showing relay 'ON' status

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'KD' in place of 'D'.

Input

Output

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	DIN 30D 241000	DIN 30D 241600	DIN 30D 242500	DIN 30D 244000
Control voltage range		Vdc	3 - 32	3 - 32	3 - 32	3 - 32
Control current range		mA	8 - 30	8 - 30	8 - 30	8 - 30
Pick-up voltage		Vdc	3.0	3.0	3.0	3.0
Drop-out voltage		Vdc	1.0	1.0	1.0	1.0
Input resistance			Current regulator	Current regulator	Current regulator	Current regulator
<b>RMS on-state current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains control	volt	Vac	24 - 240	24 - 240	24 - 240	24 - 240
Repetitive peak off state voltage	V <sub>drm</sub>	V <sub>pk</sub>	600	600	600	600
Zero turn-on voltage		Vac	35	35	35	35
On-state voltage drop	V <sub>tm</sub>	Vac	1 . 6	1 . 6	1 . 8	1 . 8
Off-state leakage current @ rated voltage	I <sub>drm</sub>	mA	5	5	5	5
Peak one cycle surge Current (Non-Rrep)	I <sub>TSM</sub>	A	100	250	800	800
Holding current	I <sub>H</sub>	A	75	120	250	250
Critical rate of rise of off state voltage	dv/dt	V/μs	200	250	500	500
Thermal resistance (junction to case)	R <sub>thjc</sub>	°C/W	1.5	1.3	0.43	0.43
Frequency range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Storage temperature	T <sub>s</sub>	°C	- 30 to + 100	- 30 to + 100	- 30 to + 100	- 30 to + 100
Operating temperature	T <sub>o</sub>	°C	- 30 to + 80	- 30 to + 80	- 30 to + 80	- 30 to + 80
Turn-on time	T-on	ms	10	10	10	10
Turn -off time	T- off	ms	10	10	10	10
Fusing current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	72	128	3700	3700

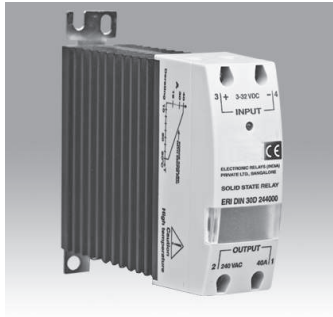
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

# Din Ready SSR (240 VAC) 10 ~ 40 Amps

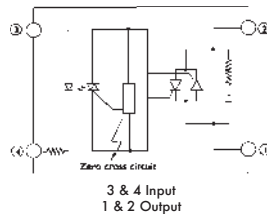
INPUT : AC Control,  
OUTPUT : Back - to - Back SCR



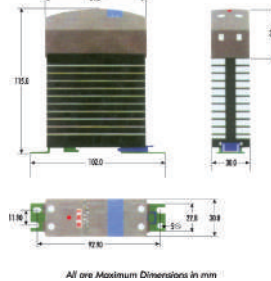
Series : DIN 30A



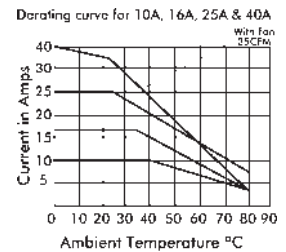
Schematic



Mechanical Drawing



Derating Curve



### Highlights

- Input: AC Control • Output: Back-to-Back SCR (No configuration) • Opto Isolation 2500VAC (4000 V optional) • Zero voltage turn-on or Random turn-on • Builtin safety cover • Built in snubber for high DV/DT • DIN mount or back plate mounting • LED indicator showing relay 'ON' status

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'KA' in place of 'A'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	DIN 30A 241028	DIN 30A 241628	DIN 30A 242528	DIN 30A 244028
Control voltage range	Vac		90-280	90-280	90-280	90-280
Control current range	mA		4-25	4-25	4-25	4-25
Pick-up voltage	Vac		90	90	90	90
Drop-out voltage	Vac		10	10	10	10
Input resistance	K Ohms		16-25	16-25	16-25	16-25
<b>RMS on-state current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains control	Volt	Vac	24-240	24-240	24-240	24-240
Repetitive peak off state voltage	V <sub>drm</sub>	V <sub>pk</sub>	600	600	600	600
Zero turn-on voltage	Vac		35	35	35	35
On-state voltage drop	V <sub>tm</sub>	Vac	1.6	1.6	1.8	1.8
Off-state leakage current @ rated voltage	I <sub>drm</sub>	mA	5	5	5	5
Peak one cycle surge Current (Non-Rrep)	I <sub>TSM</sub>	A	100	250	1000	1000
Holding current	I <sub>H</sub>	mA	75	120	250	250
Critical rate of rise of off state Voltage	dv/dt	V/μs	200	250	500	500
Thermal resistance (junction to case)	R <sub>thjc</sub>	°C/W	1.5	1.3	0.43	0.43
Frequency range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Storage temperature	T <sub>s</sub>	°C-	30 to + 100-	30 to + 100-	30 to + 100-	30 to + 100
Operating temperature	T <sub>o</sub>	°C	- 30 to + 80	- 30 to + 80	- 30 to + 80	- 30 to + 80
Turn-on time	T-on	ms	40	40	40	40
Turn-off time	T-off	ms	80	80	80	80
Fusing current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	72	128	3700	3700

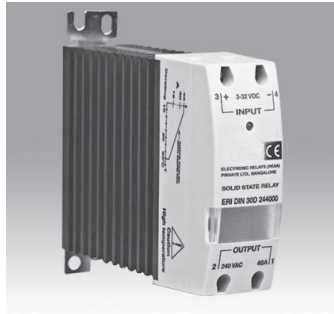
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

**Din Ready SSR (660 VAC)**  
**10 ~ 40 Amps**

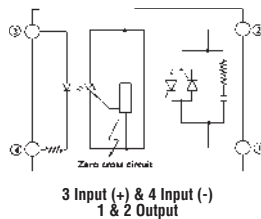
**INPUT** : DC Control,  
**OUTPUT** : Back - to - Back SCR



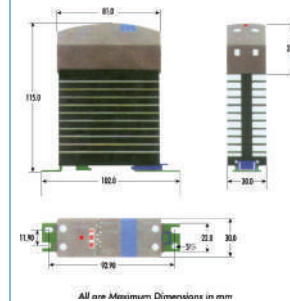
Series : DIN 30D



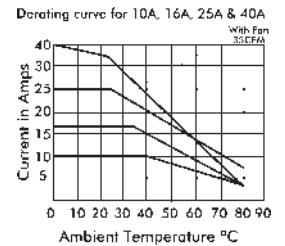
**Schematic**



**Mechanical Drawing**



**Derating Curve**



**Highlights**

- Input: DC Control (TTL or CMOS Compatible) • Output: Back-to-Back SCR (No configuration) • Opto Isolation 2500VAC (4000 V optional) • Zero voltage turn-on or Random turn-on • Built-in safety cover • Input reverse voltage protection • Built in snubber for high DV/DT • DIN mount or back plate mounting • LED indicator showing relay 'ON' status

**Electrical Specification @ TA = 25°C**

**Note: For Random T - On SSR, add letter 'KD' in place of 'D'.**

Input

Output

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	DIN 30D 661000	DIN 30D 661600	DIN 30D 662500	DIN 30D 66400
Control Voltage Range	Vdc		3-32	3-32	3-32	3-32
Control current range	mA		8-30	8-30	8-30	8-30
Pick-up voltage	Vdc		3.0	3.0	3.0	3.0
Drop-out voltage	Vdc		1.0	1.0	1.0	1.0
Input resistance			Current regulator	Current regulator	Current regulator	Current regulator
<b>RMS on-state current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains control	volt	Vac	48-660	48-660	48-660	48-660
Repetitive peak off state voltage	V <sub>drm</sub>	V <sub>pk</sub>	1200	1200	1200	1200
Zero turn-on voltage		Vac	35	35	35	35
On-state voltage drop	V <sub>TM</sub>	Vac	1.6	1.6	1.8	1.8
Off state leakage current @ rated voltage	I <sub>drm</sub>	mA	5	5	5	5
Peak one cycle surge Current (Non-Rrep)	I <sub>TSM</sub>	A	100	250	1000	1000
Holding Current	I <sub>H</sub>	mA	75	120	250	250
Critical rate of rise of off-state voltage	dv/dt	V/μs	200	200	700	700
Thermal resistance (junction to case)	R <sub>thjc</sub>	°C/W	1.8	1.3	0.43	0.43
Frequency range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Storage temperature	T <sub>s</sub>	°C	- 30 to + 100	- 30 to + 100	- 30 to + 100	- 30 to + 10
Operating temperature	T <sub>o</sub>	°C	- 30 to + 80	- 30 to + 80	- 30 to + 80	- 30 to + 8
Turn-on time	T-on	ms	10	10	10	10
Turn-off time	T-Off	ms	10	10	10	10
Fusing current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	72	128	3700	5000

\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

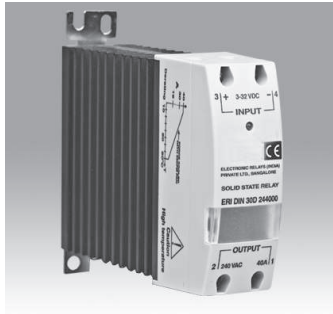


**Din Ready SSR (660 VAC)**  
**10 ~ 40 Amps**

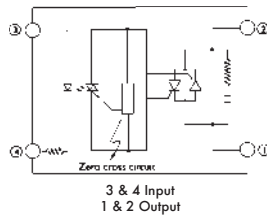
**INPUT** : AC Control,  
**OUTPUT** : Back - to - Back SCR



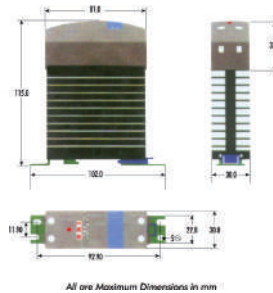
Series : DIN 30A



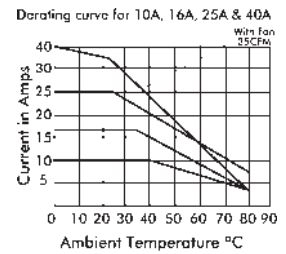
**Schematic**



**Mechanical Drawing**



**Derating Curve**



**Highlights**

- Input: AC Control • Output: Back-to-Back SCR (No configuration) • Opto Isolation 2500VAC (4000 V optional) • Zero voltage turn-on or Random turn-on • Built-in safety cover • Built in snubber for high DV/DT • DIN mount or back plate mounting • LED indicator showing relay 'ON' status

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'KA' in place of 'A'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	DIN 30A 661028	DIN 30A 661628	DIN 30A 662528	DIN 30A 664028
Control voltage range		Vac	90 - 280	90 - 280	90 - 280	90 - 280
Control current range		mA	4 - 25	4 - 25	4 - 25	4 - 25
Pick-up voltage		Vac	90	90	90	90
Drop-out voltage		Vac	10	10	10	10
Input resistance		K Ohms	16 - 25	16 - 25	16 - 25	16 - 25
<b>RMS on-state current</b>	<b>I<sub>T</sub></b>	<b>A</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>40</b>
Mains control	volt	Vac	48 - 660	48 - 660	48 - 660	48 - 660
Repetitive peak off state voltage	V <sub>drm</sub>	V <sub>pk</sub>	1200	1200	1200	1200
Zero turn-on voltage		Vac	35	35	35	35
On-state voltage drop	V <sub>tm</sub>	Vac	1 . 6	1 . 6	1 . 8	1 . 8
Off-state leakage current @ rated voltage	I <sub>drm</sub>	mA	5	5	5	5
Peak one cycle surge Current (Non-Rrep)	I <sub>TSM</sub>	A	100	250	1000	1000
Holding current	I <sub>H</sub>	mA	75	120	250	250
Critical rate of rise of off state voltage	dv/dtV/	µs	200	200	700	700
Thermal resistance (junction to case)	R <sub>thjc</sub>	C/W	1.8	1.3	0.43	0.43
Frequency range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Storage temperature	T <sub>s</sub>	°C	- 30 to + 100	- 30 to + 100	- 30 to + 100	- 30 to + 100
Operating temperature	T <sub>o</sub>	°C	- 30 to + 80	- 30 to + 80	- 30 to + 80	- 30 to + 80
Turn-on time	T-on	ms	40	40	40	40
Turn -off time	T- off	ms	80	80	80	80
Fusing current	I <sub>T</sub> <sup>2</sup>	A <sup>2</sup> S	72	128	3700	5000

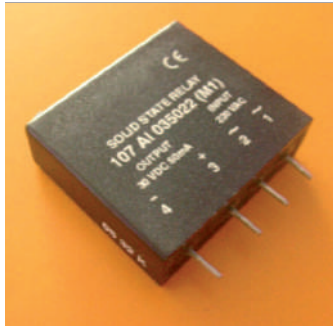
Input

Output

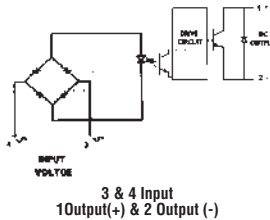
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.



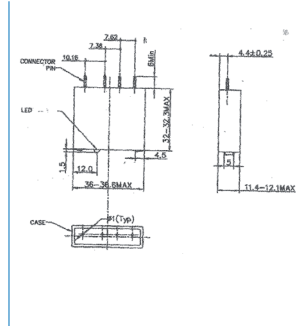
Series : 107



Schematic



Mechanical Drawing



**Highlights**

- Compatible to TTL and CMOS logic
- LED indication
- Industrial standard package
- PCB Mountable
- Pins are polarised

**Electrical Specification @ TA = 25°C**

ELECTRICAL SPECIFICATIONS		PRODUCT PART NUMBERS
Parameter	Unit	107 AI 035022
Control Voltage	Vac	180 -280
Typical Input Current	mA	6.0
Must Turn On Voltage	Vac	180
Must Release Min. Voltage	Vac	160
Typical I/P impedance	Ohms	46 K
Load Voltage Range	Vdc	3-30
Rated Load Current	mA	50
Minimum load current	mA	0.1
Maximum off-state leakage current	mA	10
Typical On-state Voltage drop	Vdc	1.5
Maximum Turn-On Time	mSec	20
Maximum Turn-Off Time	mSec	25
Dielectric Strength (I/P - O/P Insulation)	Vrms	4000
Operating Temperature Range	°C	-40 to +80
Storage Temperature Range	°C	-40 to +100

Input

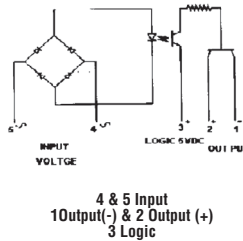
Output



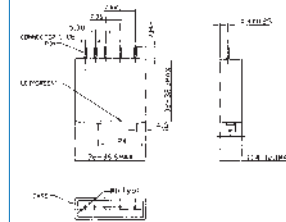
Series : 107



Schematic



Mechanical Drawing



Highlights

- Compatible to TTL and CMOS logic
- LED indication
- Industrial standard package
- PCB Mountable
- Pins are polarised

Electrical Specification @ TA = 25°C

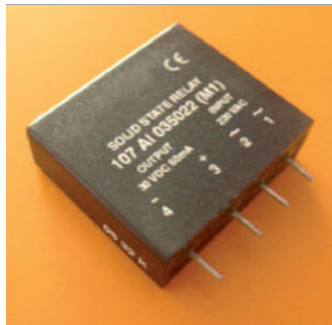
ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS	
Parameter	Symbol	Unit	107AI 035011 - 24	107AI 035011-24(M1S)
MUST TURN ON VOLTAGE	V <sub>aa</sub>	AC	85 - 120	85 - 120
TYPICAL INPUT CURRENT		mA	1.5 - 6.0	1.5 - 6.0
MUST RELEASE MIN. VOLTAGE	V <sub>ac</sub>		0 - 80	0 - 80
FREQUENCY RANGE		Hz	47 - 63	47 - 63
TYPICAL I/P IMPEDANCE		OHMS	20 - 30	20 - 30
LOAD VOLTAGE RANGE		V <sub>dc</sub>	30.0 - —	—
RATED LOAD CURRENT		mA	— - 50.0	50.0
MAXIMUM OFF-STATE LEAKAGE CURRENT @ 30VDC		mA	— - 100	— - 100
LOGIC SUPPLY		VDC	5 - 24	5 - 24
LOGIC CURRENT @ 5VDC		mA	— - 1.5	— - 1.5
LOGIC CURRENT @ 24VDC		mA	— - 12.0	— - 12.0
TYPICAL ON-STATE VOLTAGE DROP		V <sub>dc</sub>	— - 0.3	— - 0.3
MAXIMUM TURN-ON TIME		mSec	TYP 15.0 - 20	TYP 15.0 - 20
MAXIMUM TURN-OFF TIME		mSec	TYP 15.0 - 25	TYP 15.0 - 25
DIELECTRIC STRENGTH (I/P - O/P INSULATION)		V <sub>rms</sub>	2500	2500
OPERATING TEMPERATURE RANGE		°C	-40°C to 80°C	-40°C to 80°C
STORAGE TEMPERATURE RANGE		°C	-40°C to 100°C	-40°C to 100°C

Input

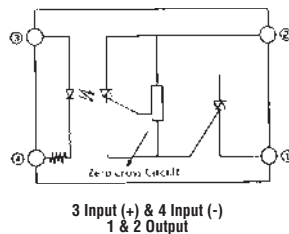
Output



Series : 107



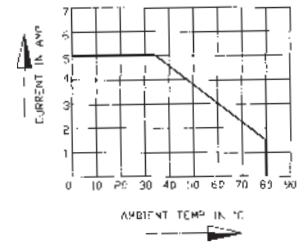
Schematic



Mechanical Drawing



Derating Curve



**Highlights**

- Compatible to TTL and CMOS logic
- LED indication
- Industrial standard package
- PCB Mountable
- Pins are polarised

**Electrical Specification @ TA = 25°C**

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS		
Parameter	Symbol	Unit	107AO 240300	107AO 240500	107AO 480300
Control Voltage		VDC	3-32	3-32	2-32
Typical Input Current		mA	25	25	25
Must Turn On Voltage		VDC	3.0	3.0	3.0
Must Release Min. Voltage		VDC	1.0	1.0	1.0
Typical I/P impedance		OHMS	Current Regulator	Current Regulator	Current Regulator
Reverse polarity protection			Yes	Yes	Yes
LED			Green	Green	Green
Load Voltage Range		VAC	24 - 240	24-240	24-480
Rated Load Current (ref derating curve)		A	3	5	3
Minimum load current		mA	100	100	100
Maximum off-state leakage current		mA	10	10	10
Typical On-state Voltage drop V		1.6	1.6	1.6	
Surge current peak (1 cycle ) A		208	300	208	
Transient protection					
(static dv/dt not to exceed blocking voltage) V/mSec			30	30	30
Maximum zero voltage offset VAC		35	35	35	
Blocking voltage (peak)		Vdrm	600	600	600
Frequency range		Hz	47 - 63	47-63	47-63
I squared t for fusing (t= 8.3ms)		I <sup>2</sup> t	259	259	259
Maximum Turn-On Time		mSec	10	10	10
Maximum Turn-Off Time		mSec	10	10	10
Thermal Resistance( Junction to case)		°C/W	2.0	2.0	2.0
Dielectric Strength (I/P - O/P Insulation)		Vrms	2500	2500	2500
Operating Temperature Range		°C	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C
Storage Temperature Range		°C	-40 to +100	-40 to +100	-40 to +100

Input

Output

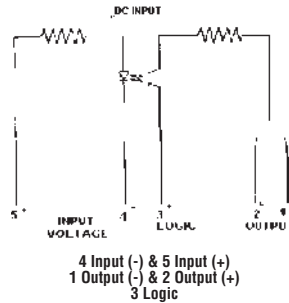
\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.



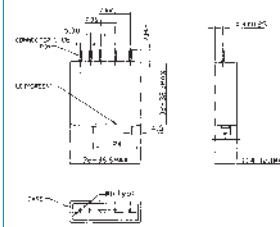
Series : 107



Schematic



Mechanical Drawing



**Highlights**

- Compatible to TTL and CMOS logic
- LED indication
- Industrial standard package
- PCB Mountable
- Pins are polarised

Electrical Specification @ TA = 25°C

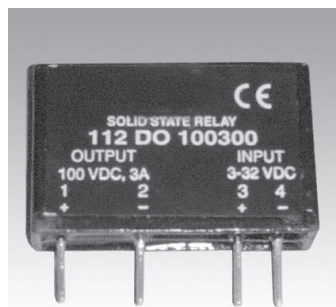
ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS		
Parameter	Symbol	Unit	107DI 030348 - 24	107DI 032505-24	107DI 030300 - 24
Control Voltage		VDC	33 - 48	5- 32	3 - 32
Typical Input Current		mA	8.0	6	12
Must Turn On Voltage		VDC	33.0	5.0	3.5
Must Release Min. Voltage		VDC	28.0	1.0	1.0
Max reverse control voltage		VDC	-48.0		
Typical I/P impedance		OHMS	6 K	5 K ohms	3 K ohms
Load Voltage Range		Vdc	30	3-30	3-30
Rated Load Current		mA	30	25	30
Minimum load current		mA	0.1	0.1	0.1
Maximum off-state leakage current		µA	100	10	10
Typical On-state Voltage drop Vdc		0.4	0.4	1.5	
Maximum Turn-On Time		mSec	5	5	5
Maximum Turn-Off Time		mSec	5	5	5
Logic Voltage range		VDC	5 - 24	5 - 24	5-24
Logic current		mA	12	12	12
Dielectric Strength (I/P - O/P Insulation)		Vrms	2500	2500	2500
Operating Temp Range		°C	-30 to +80	-40 to +80	-40 to +80
Storage Temperature Range		°C	-30 to 100	-40 to +100	-40 to +100

Input

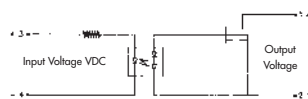
Output



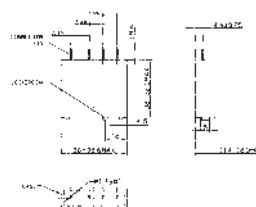
Series : 112



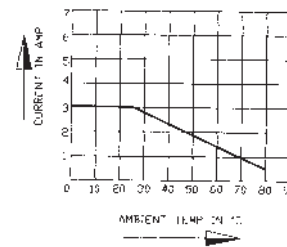
Schematic



Mechanical Drawing



Derating Curve



**Highlights**

- Compatible to TTL and CMOS logic
- LED indication
- Industrial standard package
- PCB Mountable
- Pins are polarised

**Electrical Specification @ TA = 25°C**

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS	
Parameter	Symbol	Unit	112DO 100300	
Control Voltage		VDC	3 - 32	
Typical Input Current		mA	20	
Must Turn On Voltage		VDC	3.5	
Must Release Min. Voltage		VDC	1.0	
Typical I/P impedance		OHMS	Current Regulator	
Load Voltage Range		Vdc	100	
Rated Load Current( ref thermal derating curve)		A	3	
Minimum load current		mA	50	
Maximum off-state leakage current		mA	10	
Typical On-state Voltage drop		V	1.5	
Maximum Turn-On Time		mS	1	
Maximum Turn-Off Time		mS	2	
Dielectric Strength (I/P - O/P Insulation)		Vrms	2500	
Operating Temperature Range		°C	-30 to +100	
Storage Temperature Range		°C	-30 to +125	

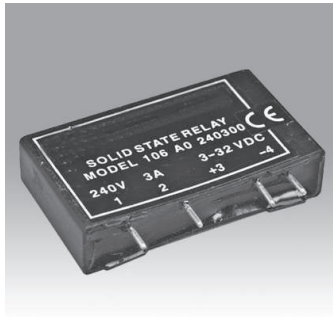
Input

Output

\*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.

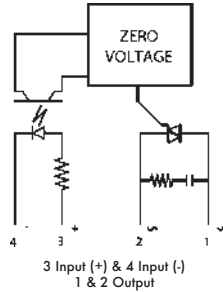


Series : 106

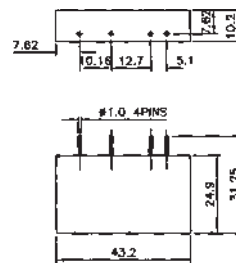


JDA241000

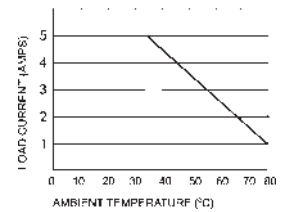
Schematic



Mechanical Drawing



Derating Curve



Highlights

- Compatible to TTL and CMOS logic
- LED indication
- Industrial standard package
- PCB Mountable
- Pins are polarised

Electrical Specification @ TA = 25°C

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS
Parameter	Symbol	Unit	106 AO 240500
Control Voltage		VDC	3-32
Typical Input Current		mA	25
Must Turn On Voltage		VDC	3.0
Must Release Min. Voltage		VDC	1.0
Typical I/P impedance		OHMS	Current Regulator
Reverse polarity protection			Yes
LED INDICATION			Green
Load Voltage Range		VAC	24 - 240
Rated Load Current (ref derating curve)		A	5
Minimum load current		mA	75
Maximum off-state leakage current		mA	10
Typical On-state Voltage drop		V	1.6
Surge current peak (1 cycle )		A	300
Transient protection			
(static dv/dt not to exceed blocking voltage)		V/mSec	300
Maximum zero voltage offset		VAC	35
Blocking voltage (peak)		Vdrm	600
Frequency range		Hz	47 - 63
I squared t for fusing (t= 8.3ms)		I <sup>2</sup> t	510
Maximum Turn-On Time		mSec	8.3
Maximum Turn-Off Time		mSec	8.3
Typical power dissipation		W/A	1.2
Dielectric Strength (I/P - O/P Insulation)		Vrms	3750
Operating Temperature Range		°C	-40°C to +100°C
Storage Temperature Range		°C	-40°C to +125°C

Input

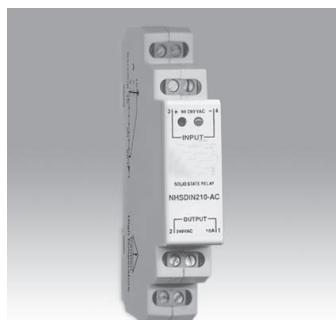
Output

**DIN Ready SSR (240-600V)  
10 Amps  
NEW-No Heat Sink SSR**

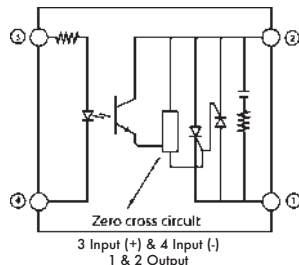
**INPUT** : DC Control,  
**OUTPUT** : Back - to - Back SCR



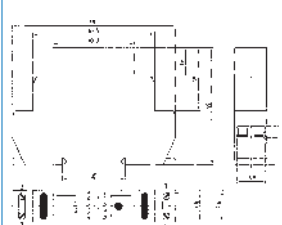
Series : DIN25D



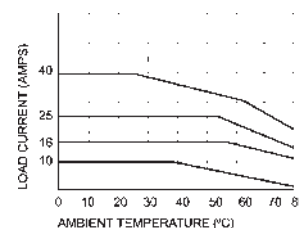
Schematic



Mechanical Drawing



Derating Curve



**Highlights**

- Input: DC/AC Control • Output: Back-to-Back SCR (NO configuration) • Opto Isolation 2500VAC (4000 V optional)
- Zero voltage Turn-on or Random Turn-on • Built-In safety cover(IP 20 Protection) • Input reverse voltage protection
- Built-In snubber for high DV/DT • DIN mount or back plate mounting • LED indicator showing relay 'ON' status

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'KD' in place of 'D'.

ELECTRICAL SPECIFICATIONS		PRODUCT PART NUMBERS
<b>Parameter</b>	<b>Unit</b>	<b>DIN 25D 661000</b>
Control Voltage	VDC	3 - 32
Max Input Current	mA	35
Must Turn On Voltage	VDC	3
Must Release Min. Voltage	VDC	1
Nominal I/P impedance	OHMS	Current regulator
Reverse polarity protection		yes
Load Voltage Range	VAC	48 to 600
Rated Load Current (rms)	A	10
Minimum load current	mA	75
Maximum off-state leakage current (rms)	mA	10
Typical On-state Voltage drop (rms)	Vac	1.6
Surge current peak (1 cycle )	A	500
Transient protection		
(static dv/dt not to exceed blocking voltage)	V/mSec	200
Maximum zero voltage offset	VAC	35
Blocking voltage (peak)	Vdrm	660
Maximum Turn-On Time	mSec	8.3
Maximum Turn-Off Time	mSec	8.3
Dielectric Strength (I/P - O/P Insulation)	Vrms	2500
Operating Temperature Range	°C	-30 to +80
Storage Temperature Range	°C	-40 to +100

Input

Output

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каталог, описание, технические, характеристики, datasheet, параметры, маркировка, габариты, фото,  
модуль, Fuji, fujitsu, реле

## КАТАЛОГ

модуль , igbt, мост диодный, реле

купить, продажа

## ЭЛЕКТРОННЫЕ КОМПОНЕНТЫ

Мы не работаем с частными (физическими) лицами. Мы работаем только с юридическими лицами (организациями) и ИП и только по безналичному расчёту.

[где и как купить в Минске?](#)



tp627-401 , (fujitsu ftp627mcl401/ftp628mcl401) термопечатающий механизм для кассовых аппаратов и платежных терминалов; ширина бумаги/печати=58/54мм; 8dots/mm; ипр=24в

микросхема mbm29lv016b-90ptn fujitsu

транзистор fhc40lg fujitsu

транзистор flc107wg fujitsu

транзистор flco57wg fujitsu

транзистор flm3135-4f fujitsu

транзистор flm3742-4f fujitsu

транзистор flm4450-8f fujitsu

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cd60 100mkf 300v , (клеммы) fuji пусковой конденсатор конденсаторы cd60 металлизированные электролитические пленочные конденсаторы постоянной ёмкости в герметизированном цилиндрическом корпусе. номинальная емкость: 100 mkf, номинальное напряжение: 300v, предельное допустимое отклонение ёмкости от 5 до 20% , (

cd60 200mkf 300v , (клеммы) fuji пусковой конденсатор конденсаторы cd60 металлизированные электролитические пленочные конденсаторы постоянной ёмкости в герметизированном цилиндрическом корпусе. номинальная емкость: 200 mkf, номинальное напряжение: 300v, предельное допустимое отклонение ёмкости от 5 до 20% , (

cd60 300mkf 300v , (клеммы) fuji пусковой конденсатор

2sc2625-34, fujitsu: транзистор: npn, биполярный, 450в 10а to-3p[n] fujitsu, транзистор: npn, биполярный, 450в 10а to-3p[n]

2sc4242, fujitsu: 2sc4242, транзистор npn 400 в 7 а [to-220ab] fujitsu, 2sc4242, транзистор npn 400 в 7 а [to-220ab]

2sk2651, fujitsu: to-220f fujitsu, to-220f

2sk2761, fujitsu: to-220f fujitsu, to-220f

2sk2850, fujitsu: mosfet транзистор, to-247var fujitsu, mosfet транзистор, to-247var

2sk3264, fujitsu: to-220f fujitsu, to-220f

2sk3530, fujitsu: 2sk3530, транзистор, superfap-g, n-канал, 800в, 7а, 1.9ом [to-220f] fujitsu, 2sk3530, транзистор, superfap-g, n-канал, 800в, 7а, 1.9ом [to-220f]

cable-fcn24/2x14/250/mdl, phoenix: разветвительный кабель and#40;fujitsu fcn 24-конт. на два flk 14-конт.and#41; для компонентов ge-fanus 90-30, дл phoenix, разветвительный кабель and#40;fujitsu fcn 24-конт. на два flk 14-конт.and#41; для компонентов ge-fanus 90-30, дл

fa5500an, fujitsu: специализированные по применению ис and#40;симсand#41;, sop8 fujitsu, специализированные по применению ис and#40;симсand#41;, sop8

fbr51nd10-w1, fujitsu: реле:электромагнитное, :electromagnetic, spdt, uco fujitsu, реле:электромагнитное, :electromagnetic, spdt, uco

fbr51nd12-w1, fujitsu: реле:электромагнитное, spdt, уобмотки:12вdc, 25а/14вdc, 240ом fujitsu, реле:электромагнитное, spdt, уобмотки:12вdc, 25а/14вdc, 240ом

fmh23n50e, fujitsu: транзистор биполярный стандартный, to-3p fujitsu, транзистор биполярный стандартный, to-3p

ftr-myaa024d, fujitsu: fujitsu

ry-12w-k-ul, fujitsu: реле электромеханическое dpdt 1а 12vdc 960 ом тнт fujitsu, реле электромеханическое dpdt 1а 12vdc 960 ом тнт

2sc2625, (to247), fuji

2sc3320, (to3p), fuji

2sc3866, (to220), fuji

2sc3866, (to220f), fuji

2sc4538, (to3pf), fuji

2sc4977, (to220f), fuji

2sj476, (to262), fuji

2sk1082, (to3p), fuji

2sk1096, (to220f), fuji

2sk1101, (to220f), fuji

2sk1102, (to220f), fuji

2sk1217, (to3pf), fuji

2sk1221, (to220), fuji

2sk1821, (to220f), fuji

2sk1916, (to3p), fuji

2sk1917, (to220f), fuji

2sk1943, (to220), fuji

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2sk2002, (to220f), fuji

2sk2025, (to220), fuji=2sk1117

2sk2025, (to220f), fuji

2sk2049, (to220), fuji

2sk2098-01mr, (to220f), fuji

2sk2099, (dpak), fuji

2sk2099, (to251), fuji

2sk2101, (to220f), fuji

2sk2148, (to3pf), fuji

2sk2251, (to220), fuji

2sk2545, (to220f), fuji=2sk1118

2sk2561, (to3pf), fuji

2sk2640, (to220f), fuji

2sk2645, (to220f), fuji

2sk2647, (to220f), fuji=2sk1643

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2sk2651, (to220f), fuji  
2sk2655, (to3pf), fuji  
2sk2761, (to220f), fuji=2sk2843  
2sk2769, (to220f), fuji=2sk2718  
2sk2850, (to247), fuji=2sk1358  
2sk2876, (to220f), fuji=2sk2237  
2sk3102, (to220f), fuji  
2sk3102, (to3pf), fuji electric  
2sk3264, (to220f), fuji  
2sk3265, (to220f), fuji  
2sk3271, (to247), fuji  
2sk3502, (to220f), fuji  
2sk3528, (to3pf), fuji  
2sk3530, (to220f), fuji  
2sk3532, (to220f), fuji  
2sk3673, (to220f), fuji  
2sk3677, (to220f), fuji  
2sk3683, (to220f), fuji  
2sk901, (to247), fuji  
2sk904, (to220), fuji  
2sk905, (to3p), fuji  
2sk952, (to220f), fuji  
2sk954, (to3p), fuji  
2sk955, (to3p), fuji  
2sk956, (to247), fuji  
esad92-02, (to3p), fuji electric  
f9222l, (sip13), fuji  
fa13843n, (so8-150), fuji  
fa3641, (dip8), fuji  
fa3641, (so8), fuji

fa3647, (dip8), fuji  
fa3647n, (so8), fuji electric  
fa5205p, (dip20), fuji  
fa5304, (dip8), fuji  
fa5305, (dip8), fuji  
fa5311, (dip8), fuji  
fa5315, (dip8), fuji  
fa5317, (dip8), fuji  
fa5500a, (so8), fuji electric  
fa5501, (dip8), fuji  
fa5501a, (so8), fuji  
fa5502, (dip16), fuji  
fa5510, (dip8), fuji  
fa5511, (dip8), fuji  
fa5511, (so8), fuji  
fa5518, (dip8), fuji  
fa5518, (so8), fuji  
fa5528, (dip8), fuji electric  
fa5528h, (so8-150), fuji  
fa5531, (dip8), fuji electric  
fa5541, (so8), fuji electric  
fa5541a, (dip8), fuji electric  
fa5558n, (so8), fuji electric  
fa5571n, (so8-150), fuji electric  
fa5587n, (so8), fuji electric  
fa5591n, (so8-150), fuji electric  
fa5760n, (so16-150), fuji electric  
fa6a01n, (so16-150), fuji electric  
fa7610, (dip8), fuji  
fa7610, (so8), fuji electric

fmh23n50e, (to3p), fuji

fmv10n80e, (to220f), fuji

mb3712, (sip8), fuji

mb3730a, (sip7), fuji

mb39a132, (qfn32), fuji electric

mb90f543gpf, (tqfp100), (mb90f543g), fujitsu

mbm27c64-20, (y/φ,dip28), fujitsu

mp2a5038, (sip15), fuji

mp2a5060, (sip15), fuji electric

on4977, (to220f), fuji

spc7011f, (so8), fuji electric

yg902c2, (to220f), fuji 10a,200v,35ns,средняя нога-минус

реле ry5w-k, (8pin), fujitsu

mbh, fuji-e fujitsu

mbh, fuji2-e1 fujitsu

конденсатор fuji cbb60 , (2+2pins) 10 uf 450v 35x60 , (min 25) sand

конденсатор fuji cbb60 , (2+2pins) 10 uf 450v 35x60 , (min 25) sand

конденсатор fuji cbb60 , (2+2pins) 100 uf 450v 55x120 , (min 5) sand

конденсатор fuji cbb60 , (2+2pins) 100 uf 450v 60x120 , (min 25) sand

конденсатор fuji cbb60 , (2+2pins) 12 uf 450v 35x60 , (min 5) sand

конденсатор fuji cbb60 , (2+2pins) 12 uf 450v 35x70 , (min 25) sand

конденсатор fuji cbb60 , (2+2pins) 12,5 uf 450v 35x60 , (min 5) sand

конденсатор fuji cbb60 , (2+2pins) 12,5 uf 450v 35x70 , (min 25) sand

конденсатор fuji cbb60 , (2+2pins) 12,5 uf 450v 35x70 , (min 25) sand

конденсатор fuji cbb60 , (2+2pins) 120 uf 450v 60x120 , (min 25) sand

конденсатор fuji cbb60 , (2+2pins) 120 uf 450v 60x120 , (min 25) sand

конденсатор fuji cbb60 , (2+2pins) 14 uf 450v 35x70 , (min 25) sand

конденсатор fuji cbb60 , (2+2pins) 14 uf 450v 35x70 , (min 25) sand

конденсатор fuji cbb60 , (2+2pins) 15 uf 450v 35x70 , (min 25) sand

конденсатор fuji cbb60 , (2+2pins) 15 uf 450v 35x70 , (min 25) sand

конденсатор fuji cbb60 , (2+2pins) 150 uf 450v 65x130 , (min 16) sand  
конденсатор fuji cbb60 , (2+2pins) 150 uf 450v 65x130 , (min 16) sand  
конденсатор fuji cbb60 , (2+2pins) 16 uf 450v 35x70 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 16 uf 450v 40x70 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 16 uf 450v 40x70 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 18 uf 450v 40x70 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 18 uf 450v 40x70 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 2 uf 450v 30x50 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 2 uf 450v 30x50 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 20 uf 450v 40x70 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 20 uf 450v 40x70 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 25 uf 450v 40x70 , (min 5) sand  
конденсатор fuji cbb60 , (2+2pins) 25 uf 450v 40x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 25 uf 450v 40x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 3 uf 450v 30x50 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 3 uf 450v 30x60 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 30 uf 450v 40x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 30 uf 450v 42x74 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 30 uf 450v 45x70 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 30 uf 450v 45x70 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 35 uf 450v 45x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 35 uf 450v 45x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 4 uf 450v 30x50 , (min 5) sand  
конденсатор fuji cbb60 , (2+2pins) 4 uf 450v 30x60 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 4 uf 450v 30x60 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 40 uf 450v 45x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 40 uf 450v 45x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 45 uf 450v 45x93 , (min 5) sand  
конденсатор fuji cbb60 , (2+2pins) 45 uf 450v 50x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 45 uf 450v 50x93 , (min 25) sand



конденсатор fuji cbb60 , (2+2pins) 5 uf 450v 30x60 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 5 uf 450v 30x60 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 50 uf 450v 45x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 50 uf 450v 50x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 55 uf 450v 50x120 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 55 uf 450v 50x93 , (min 5) sand  
конденсатор fuji cbb60 , (2+2pins) 6 uf 450v 30x60 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 6,3 uf 450v 30x60 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 60 uf 450v 50x120 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 60 uf 450v 50x120 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 60 uf 450v 50x93 , (min 5) sand  
конденсатор fuji cbb60 , (2+2pins) 65 uf 450v 50x120 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 65 uf 450v 50x120 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 70 uf 450v 50x120 , (min 5) sand  
конденсатор fuji cbb60 , (2+2pins) 70 uf 450v 55x120 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 8 uf 450v 30x60 , (min 5) sand  
конденсатор fuji cbb60 , (2+2pins) 8 uf 450v 30x68 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 8 uf 450v 35x60 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 80 uf 450v 50x120 , (min 5) sand  
конденсатор fuji cbb60 , (2+2pins) 80 uf 450v 55x120 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 9 uf 450v 35x60 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 9 uf 450v 35x60 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 90 uf 450v 55x120 , (min 5) sand  
конденсатор fuji cbb60 , (2+2pins) 90 uf 450v 60x120 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins) 90 uf 450v 60x120 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 12 uf 450v 35x65 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 16 uf 450v 40x70 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 18 uf 450v 40x70 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 20 uf 450v 40x70 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 25 uf 450v 40x93 , (min 25) sand

конденсатор fuji cbb60 , (2+2pins+botton bolt) 30 uf 450v 40x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 35 uf 450v 45x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 4 uf 450v 30x57 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 4 uf 450v 30x57 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 40 uf 450v 45x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 40 uf 450v 45x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 45 uf 450v 45x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 45 uf 450v 45x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 50 uf 450v 45x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 50 uf 450v 45x93 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 8 uf 450v 30x57 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 8 uf 450v 30x57 , (min 25) sand  
конденсатор fuji cbb60 , (2+2pins+botton bolt) 8 uf 450v 35x65 , (min 25) sand  
конденсатор fuji cbb61 , (1+1pins) 10 uf 450v 45x26x45 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 1,2 uf 450v 37x12x22 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 1,2 uf 450v 37x12x22 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 1,5 uf 450v 37x13,5x24 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 1,5 uf 450v 37x13,5x24 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 12 uf 450v 57x27x44 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 12 uf 450v 57x27x44 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 2 uf 450v 37x14x23 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 2 uf 450v 37x14x23 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 2 uf 450v 38x15x25 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 2 uf 450v 38x15x25 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 2,2 uf 450v 37x19x33 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 2,2 uf 450v 37x19x33 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 2,2 uf 450v 38x17x28 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 2,2 uf 450v 38x17x28 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 2,5 uf 450v 37x19x33 , (min 50)  
конденсатор fuji cbb61 , (1+1wires) 2,5 uf 450v 38x17x28 , (min 50)

конденсатор fuji cbb61 , (1+1wires) 2,5 uf 450v 38x17x28 , (min 50)

конденсатор fuji cbb61 , (1+1wires) 3,3 uf 450v 37x18,5x29 , (min 50)

конденсатор fuji cbb61 , (1+1wires) 3,3 uf 450v 37x19x33 , (min 50)

конденсатор fuji cbb61 , (1+1wires) 3,3 uf 450v 37x19x33 , (min 50)

конденсатор fuji cbb61 , (1+1wires) 4 uf 450v 45x16x31 , (min 50)

конденсатор fuji cbb61 , (1+1wires) 4 uf 450v 45x16x31 , (min 50)

конденсатор fuji cbb61 , (1+1wires) 5 uf 450v 45x16x31 , (min 50)

конденсатор fuji cbb61 , (1+1wires) 5 uf 450v 45x16x31 , (min 50)

конденсатор fuji cbb61 , (1+1wires) 8 uf 450v 45x26x45 , (min 50)

конденсатор fuji cbb61 , (1+1wires) 8 uf 450v 45x26x45 , (min 50)

конденсатор fuji cbb65 , (2+2pin) 10 uf 450v 40x67 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 10 uf 450v 40x67 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 100 uf 450v 60x127 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 100 uf 450v 60x127 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 12 uf 450v 40x67 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 12 uf 450v 40x67 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 15 uf 450v 40x77 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 18 uf 450v 40x77 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 20 uf 450v 40x77 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 20 uf 450v 40x77 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 25 uf 450v 45x77 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 30 uf 450v 45x102 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 30 uf 450v 45x102 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 35 uf 450v 45x102 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 35 uf 450v 45x102 , (min 25) aluminium

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конденсатор fuji cbb65 , (2+2pin) 40 uf 450v 45x102 , (min 25) aluminium

конденсатор fuji cbb65 , (2+2pin) 40 uf 450v 50x102 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+2pin) 40 uf 450v 50x102 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+2pin) 45 uf 450v 50x102 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+2pin) 45 uf 450v 50x102 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+2pin) 50 uf 450v 50x102 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+2pin) 50 uf 450v 50x112 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+2pin) 50 uf 450v 50x112 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+2pin) 60 uf 450v 50x112 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+2pin) 60 uf 450v 50x112 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+2pin) 70 uf 450v 55x127 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+2pin) 70 uf 450v 55x127 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+2pin) 80 uf 450v 55x127 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+2pin) 80 uf 450v 55x127 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+2pin) 90 uf 450v 60x127 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+2pin) 90 uf 450v 60x127 , (min 25) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 15 uf+2 uf 450v 50x67 , (min 10) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 15 uf+3 uf 450v 50x67 , (min 10) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 17 uf+2 uf 450v 50x67 , (min 10) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 20 uf+2 uf 450v 50x67 , (min 10) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 20 uf+3 uf 450v 50x67 , (min 10) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 25 uf+2 uf 450v 50x67 , (min 10) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 25 uf+3 uf 450v 50x77 , (min 10) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 30 uf+3 uf 450v 50x92 , (min 10) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 30 uf+5 uf 450v 50x92 , (min 10) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 35 uf+3 uf 450v 50x92 , (min 10) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 35 uf+5 uf 450v 50x92 , (min 10) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 35 uf+7 uf 450v 50x92 , (min 10) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 40 uf+5 uf 450v 50x102 , (min 10) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 50 uf+5 uf 450v 50x112 , (min 10) aluminium  
конденсатор fuji cbb65 , (2+3+4pins) 55 uf+6 uf 450v 50x112 , (min 10) aluminium

конденсатор fuji cbb65 , (4+4pin) 30 uf 450v 45x85 , (min 25) aluminium  
конденсатор fuji cbb65 , (4+4pin) 35 uf 450v 45x102 , (min 25) aluminium  
конденсатор fuji cbb65 , (4+4pin) 50 uf 450v 50x102 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 100 uf 300v 40x70 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 100 uf 300v 40x70 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 150 uf 300v 40x70 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 150 uf 300v 40x70 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 200 uf 300v 42x80 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 200 uf 300v 42x80 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 250 uf 300v 45x90 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 250 uf 300v 45x90 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 300 uf 300v 45x90 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 300 uf 300v 45x90 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 400 uf 300v 50x100 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 400 uf 300v 50x100 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 500 uf 300v 50x100 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 600 uf 300v 50x100 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 600 uf 300v 50x100 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 800 uf 300v 50x100 , (min 25) aluminium  
конденсатор fuji cd60 , (1+1pin) 800 uf 300v 50x100 , (min 25) aluminium

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г.Минск [www.fotorele.net](http://www.fotorele.net) [www.tiristor.by](http://www.tiristor.by) email [minsk17@tut.by](mailto:minsk17@tut.by) тел.+375447584780

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f9223l org. fuji

fa7610 dip8 fuji

fan7602 , (n) dip-8 fuji

fan7602m so-8 fuji

mbl8086-2 fujitsu 81 , (8627 e86) 48pin au

mbl8089-2 fujitsu 83 , (9108 e42) 48pin au

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г.Минск [www.fotorele.net](http://www.fotorele.net) [www.tiristor.by](http://www.tiristor.by) email [minsk17@tut.by](mailto:minsk17@tut.by) тел.+375447584780

реле 12v 8 pin , (на плату) na12w-k fujitsu сигнальное

реле 4,5v 8 pin smd , (на плату) ftr-b3ga4.5z fujitsu

реле 5v 8 pin , (на плату) gy5w-k fujitsu japan , (синии) =g5v2h1-5dc

реле 5v 8 pin , (на плату) gy5w-k fujitsu japan , (синии) =g5v2h1-5dc от 5шт

cj1wid231chn , (cj1w-id231-chn) модуль расширения для cj1, 32 входа, 24vdc, fujitsu-разъем , (поставляется отдельно)  
omron, оптовая цена от 1 шт.

cj1wid261chn , (cj1w-id261-chn) модуль расширения для cj1, 64 входа, 24vdc, 2 x fujitsu-разъем , (поставляется отдельно)  
omron, оптовая цена от 1 шт.

сrm2с16edc.1 , (сrm2с-16edc) модуль расширения для сrm2с, 16 вх., разъем fuji , (20 pin) omron, оптовая цена от 1 шт.

сrm2с16et1с.1 , (сrm2с-16et1с) модуль расширения для сrm2с, 16 вых. , (рnp), разъем fuji , (20 pin) omron, оптовая цена от 1 шт.

cs1wid231chn , (cs1w-id231-chn) модуль расширения для cs1, 32 входа, 24vdc, fujitsu-разъем , (поставляется отдельно)  
omron, оптовая цена от 1 шт.

cs1wid261chn , (cs1w-id261-chn) модуль расширения для cs1, 64 входа, 24vdc, 2 x fujitsu-разъем , (поставляется отдельно)  
omron, оптовая цена от 1 шт.

cs1wid291chn , (cs1w-id291-chn) модуль расширения для cs1, 96 входа, 24vdc, 2 x fujitsu-разъем , (поставляется отдельно)  
omron, оптовая цена от 1 шт.

g79100с , (g79-100с) кабель , (1м): для g70x, fujitsu, 20 пин - mil, 20 пин omron, оптовая цена от 1 шт.

g79150с , (g79-150с) кабель , (1,5м): для g70x, fujitsu, 20 пин - mil, 20 пин omron, оптовая цена от 1 шт.

g79150с125100 , (g79-150с-125-100) кабель , (1,5+1,25+1м): для g70x, fujitsu, 60 пин - 3 x mil, 20 пин omron, оптовая цена от 1 шт.

g79200с , (g79-200с) кабель , (2м): для g70x, fujitsu, 20 пин - mil, 20 пин omron, оптовая цена от 1 шт.

g79200с175150 , (g79-200с-175-150) кабель , (2+1,75+1,5м): для g70x, fujitsu, 60 пин - 3 x mil, 20 пин omron, оптовая цена от 1 шт.

g79300с , (g79-300с) кабель , (3м): для g70x, fujitsu, 20 пин - mil, 20 пин omron, оптовая цена от 1 шт.

g79300с275250 , (g79-300с-275-250) кабель , (3+2,75+2,5м): для g70x, fujitsu, 60 пин - 3 x mil, 20 пин omron, оптовая цена от 1 шт.

g79300с275250ое , (g79-300с-275-250-ое) кабель , (3+2,75+2,5м): для g70x, fujitsu, 60 пин - 3 x mil, 20 пин omron, оптовая цена от 1 шт.

g79500с , (g79-500с) кабель , (5м): для g70x, fujitsu, 20 пин - mil, 20 пин omron, оптовая цена от 1 шт.

g7950с , (g79-50с) кабель , (0,5м): для g70x, fujitsu, 20 пин - mil, 20 пин omron, оптовая цена от 1 шт.

g79i100с75 , (g79-i100с-75) кабель , (1+0,75м): 40 пин, fujitsu 2 шт x g70a-zim16-5 omron, оптовая цена от 1 шт.

g79i150с100 , (g79-i150с-100) кабель , (1,5+1м): 40 пин, fujitsu 2 шт x g70a-zim16-5 omron, оптовая цена от 1 шт.

g79i150c125 , (g79-i150c-125) кабель , (1,5+1,25м): 40 пин, fujitsu 2 шт x g70a-zim16-5 omron, оптовая цена от 1 шт.

g79i200c175 , (g79-i200c-175) кабель , (2+1,75м): 40 пин, fujitsu 2 шт x g70a-zim16-5 omron, оптовая цена от 1 шт.

g79i300c275 , (g79-i300c-275) кабель , (3+2,75м): 40 пин, fujitsu 2 шт x g70a-zim16-5 omron, оптовая цена от 1 шт.

g79i500c475 , (g79-i500c-475) кабель , (5+4,75м): 40 пин, fujitsu 2 шт x g70a-zim16-5 omron, оптовая цена от 1 шт.

g79o100c75 , (g79-o100c-75) кабель , (1+0,75м): 40 пин, fujitsu 2 шт x g70a-zoc16-3/4 omron, оптовая цена от 1 шт.

g79o150c100 , (g79-o150c-100) кабель , (1,5+1м): 40 пин, fujitsu 2 шт x g70a-zoc16-3/4 omron, оптовая цена от 1 шт.

g79o150c125 , (g79-o150c-125) кабель , (1,5+1,25м): 40 пин, fujitsu 2 шт x g70a-zoc16-3/4 omron, оптовая цена от 1 шт.

g79o200c150 , (g79-o200c-150) кабель , (2+1,5м): 40 пин, fujitsu 2 шт x g70a-zoc16-3/4 omron, оптовая цена от 1 шт.

g79o300c275 , (g79-o300c-275) кабель , (3+2,75м): 40 пин, fujitsu 2 шт x g70a-zoc16-3/4 omron, оптовая цена от 1 шт.

g79o500c475 , (g79-o500c-475) кабель , (5+4,75м): 40 пин, fujitsu 2 шт x g70a-zoc16-3/4 omron, оптовая цена от 1 шт.

gt1od32ml1 , (gt1-od32ml-1) удаленный терминал. 32 выхода x 24vdc, pnp, разъем fujitsu 40-пин omron, оптовая цена от 1 шт.

xw2z010h1 , (xw2z-010h-1) кабель 10м.: fujitsu,60 пин , (плк 96 i/o) - mil,60 пин , (для xw2b-60g@) omron, оптовая цена от 1 шт.

xw2z0200bnl , (xw2z-0200bn-l) соединительный кабель в/в, fcn , (fujitsu) 40-конт. , (плк) - без разъема, 2 м omron, оптовая цена от 1 шт.

xw2z050a , (xw2z-050a) кабель 0.5м.: fujitsu,20 пин , (плк) - mil,20 пин , (для xw2d-20g6/xw2b-20g@/-40g5-t/ оптовая цена от шт.

xw2z050b , (xw2z-050b) кабель 0.5м.: fujitsu,40 пин , (плк) - mil,40 пин , (для xw2d-40g6/xw2b-40g@)) omron, оптовая цена от 1 шт.

xw2z100a , (xw2z-100a) кабель 1м.: fujitsu,20 пин , (плк) - mil,20 пин , (для xw2d-20g6/xw2b-20g@/-40g5-t/-20g5-d/xw2c-20g5-in16/xw2e-20g5-in16) omron, оптовая цена от 1 шт.

xw2z100b , (xw2z-100b) кабель 1м.: fujitsu,40 пин , (плк) - mil,40 пин , (для xw2d-40g6/xw2b-40g@)) omron, оптовая цена от 1 шт.

xw2z100d , (xw2z-100d) кабель , (1+0,75)м.: fujitsu,40 пин , (плк) - 2xmil,20 пин , (для для xw2d-20g6/xw2b-20g@/-40g5-t/-20g5-d/xw2c-20g5-in16/xw2e-20g5-in16) omron, оптовая цена от 1 шт.

xw2z100h1 , (xw2z-100h-1) кабель 1м.: fujitsu,60 пин , (плк 96 i/o) - mil,60 пин , (для xw2b-60g@) omron, оптовая цена от 1 шт.

xw2z100h2g , (xw2z-100h-2g) кабель , (1+0,75)м.: fujitsu,60 пин , (плк 96 i/o) - mil,40 пин+mil,20 пин , (для xw2b-40g@/-20g@), разводка как для g79-терминалов omron, оптовая цена от 1 шт.

xw2z150a , (xw2z-150a) кабель 1.5м.: fujitsu,20 пин , (плк) - mil,20 пин , (для xw2d-20g6/xw2b-20g@/-40g5-t/-20g5-d/xw2c-20g5-in16/xw2e-20g5-16) omron, оптовая цена от 1 шт.

xw2z150b , (xw2z-150b) кабель 1.5м.: fujitsu,40 пин , (плк) - mil,40 пин , (для xw2d-40g6/xw2b-40g@)) omron, оптовая цена от 1 шт.

xw2z150d , (xw2z-150d) кабель , (1.5+1.25)м.: fujitsu,40 пин , (плк) - 2xmil,20 пин , (для для xw2d-20g6/xw2b-20g@/-40g5-t/-20g5-d/xw2c-20g5-in16/xw2e-20g5-in16) omron, оптовая цена от 1 шт.

xw2z150h2g , (xw2z-150h-2g) кабель , (1.5+1.25)м.: fujitsu,60 пин , (плк 96 i/o) - mil,40 пин+mil,20 пин , (для xw2b-40g@/-20g@) , разводка как для g79-терминалов omron, оптовая цена от 1 шт.

xw2z15mb , (xw2z-15mb) кабель 15м.: fujitsu,40 пин , (плк) - mil,40 пин , (для xw2d-40g6/xw2b-40g@)) omron, оптовая цена от 1 шт.

xw2z200a , (xw2z-200a) кабель 2м.: fujitsu,20 пин , (плк) - mil,20 пин , (для xw2d-20g6/xw2b-20g@/-40g5-t/-20g5-d/xw2c-20g5-in16/xw2e-20g5-16) omron, оптовая цена от 1 шт.

xw2z200b , (xw2z-200b) кабель 2м.: fujitsu,40 пин , (плк) - mil,40 пин , (для xw2d-40g6/xw2b-40g@)) omron, оптовая цена от 1 шт.

xw2z200d , (xw2z-200d) кабель , (2+1.75)м.: fujitsu, 40 пин , (плк) - 2xmil,20 пин , (для для xw2d-20g6/xw2b-20g@/-40g5-t/-20g5-d/xw2c-20g5-in16/xw2e-20g5-in16) omron, оптовая цена от 1 шт.

xw2z200h1 , (xw2z-200h-1) кабель 2м.: fujitsu,60 пин , (плк 96 i/o) - mil,60 пин , (для xw2b-60g@) omron, оптовая цена от 1 шт.

xw2z200h2 , (xw2z-200h-2) кабель , (2+1.75)м.: fujitsu,60 пин , (плк 96 i/o) - mil,40 пин+mil,20 пин , (для xw2b-40g@/-20g@) omron, оптовая цена от 1 шт.

xw2z200h3 , (xw2z-200h-3) кабель , (2+1.75+1)м.: fujitsu,60 пин , (плк 96 i/o) - 3 x mil,20 пин , (для xw2b-20g@) omron, оптовая цена от 1 шт.

xw2z300a , (xw2z-300a) кабель 3м.: fujitsu,20 пин , (плк) - mil,20 пин , (для xw2d-20g6/xw2b-20g@/-40g5-t/-20g5-d/xw2c-20g5-in16/xw2e-20g5-16) omron, оптовая цена от 1 шт.

xw2z300b , (xw2z-300b) кабель 3м.: fujitsu,40 пин , (плк) - mil,40 пин , (для xw2d-40g6/xw2b-40g@)) omron, оптовая цена от 1 шт.

xw2z300h1 , (xw2z-300h-1) кабель 3м.: fujitsu,60 пин , (плк 96 i/o) - mil,60 пин , (для xw2b-60g@) omron, оптовая цена от 1 шт.

xw2z500a , (xw2z-500a) кабель 5м.: fujitsu,20 пин , (плк) - mil,20 пин , (для xw2d-20g6/xw2b-20g@/-40g5-t/-20g5-d/xw2c-20g5-in16/xw2e-20g5-16) omron, оптовая цена от 1 шт.

xw2z500b , (xw2z-500b) кабель 5м.: fujitsu,40 пин , (плк) - mil,40 пин , (для xw2d-40g6/xw2b-40g@)) omron, оптовая цена от 1 шт.

xw2z500d , (xw2z-500d) кабель , (5+4.75)м.: fujitsu,40 пин , (плк) - 2xmil,20 пин , (для для xw2d-20g6/xw2b-20g@/-40g5-t/-20g5-d/xw2c-20g5-in16/xw2e-20g5-in16) omron, оптовая цена от 1 шт.

xw2z500h1 , (xw2z-500h-1) кабель 5м.: fujitsu,60 пин , (плк 96 i/o) - mil,60 пин , (для xw2b-60g@) omron, оптовая цена от 1 шт.

xw2z700h1 , (xw2z-700h-1) кабель 7м.: fujitsu,60 пин , (плк 96 i/o) - mil,60 пин , (для xw2b-60g@) omron, оптовая цена от 1 шт.

xw2zr100c , (xw2z-r100c) соединительный кабель в/в, fcp , (fujitsu) 20-конт. , (плк) - mil 20-конт. , (клеммный блок), 1 м omron, оптовая цена от 1 шт.



xw2zr150c , (xw2z-r150c) соединительный кабель в/в, fcp , (fujitsu) 20-конт. , (плк) - mil 20-конт. , (клеммный блок), 1,5 м  
отгрон, оптовая цена от 1 шт.

xw2zr150c125100 , (xw2z-r150c-125-100) соединительный кабель в/в, fcp , (fujitsu) 56-конт. , (плк) - 3 x mil 20-конт. ,  
(клеммные блоки), 1,5/1,25/1 м отгрон, оптовая цена от 1 шт.

xw2zr200c , (xw2z-r200c) соединительный кабель в/в, fcp , (fujitsu) 20-конт. , (плк) - mil 20-конт. , (клеммный блок), 2 м  
отгрон, оптовая цена от 1 шт.

xw2zr200c175150 , (xw2z-r200c-175-150) соединительный кабель в/в, fcp , (fujitsu) 56-конт. , (плк) - 3 x mil 20-конт. ,  
(клеммные блоки), 2/1,75 /1,5 м отгрон, оптовая цена от 1 шт.

xw2zr300c , (xw2z-r300c) соединительный кабель в/в, fcp , (fujitsu) 20-конт. , (плк) - mil 20-конт. , (клеммный блок), 3 м  
отгрон, оптовая цена от 1 шт.

xw2zr300c275250 , (xw2z-r300c-275-250) соединительный кабель в/в, fcp , (fujitsu) 56-конт. , (плк) - 3 x mil 20-конт. ,  
(клеммные блоки), 3/2,75/2,5 м отгрон, оптовая цена от 1 шт.

xw2zr500c , (xw2z-r500c) соединительный кабель в/в, fcp , (fujitsu) 20-конт. , (плк) - mil 20-конт. , (клеммный блок), 5 м  
отгрон, оптовая цена от 1 шт.

xw2zr50c , (xw2z-r50c) соединительный кабель в/в, fcp , (fujitsu) 20-конт. , (плк) - mil 20-конт. , (клеммный блок), 0,5 м  
отгрон, оптовая цена от 1 шт.

xw2zri100c75 , (xw2z-ri100c-75) соединительный кабель в/в, fcp , (fujitsu) 40-конт. , (плк) - 2 x mil 20-конт. , (клеммные  
блоки входов), 1/0,75 м отгрон, оптовая цена от 1 шт.

xw2zri150c100 , (xw2z-ri150c-100) соединительный кабель в/в, fcp , (fujitsu) 40-конт. , (плк) - 2 x mil 20-конт. , (клеммные  
блоки входов), 1,5/1 мотгрон, оптовая цена от 1 шт.

xw2zri150c125 , (xw2z-ri150c-125) соединительный кабель в/в, fcp , (fujitsu) 40-конт. , (плк) - 2 x mil 20-конт. , (клеммные  
блоки входов), 1,5/1,25 м отгрон, оптовая цена от 1 шт.

xw2zri200c175 , (xw2z-ri200c-175) соединительный кабель в/в, fcp , (fujitsu) 40-конт. , (плк) - 2 x mil 20-конт. , (клеммные  
блоки входов), 2/1,75 м отгрон, оптовая цена от 1 шт.

xw2zri300c275 , (xw2z-ri300c-275) соединительный кабель в/в, fcp , (fujitsu) 40-конт. , (плк) - 2 x mil 20-конт. , (клеммные  
блоки входов), 3/2,75 м отгрон, оптовая цена от 1 шт.

xw2zri500c475 , (xw2z-ri500c-475) соединительный кабель в/в, fcp , (fujitsu) 40-конт. , (плк) - 2 x mil 20-конт. , (клеммные  
блоки входов), 5/4,75 м отгрон, оптовая цена от 1 шт.

xw2zro100c75 , (xw2z-ro100c-75) соединительный кабель в/в, fcp , (fujitsu) 40-конт. , (плк) - 2 x mil 20-конт. , (клеммные  
блоки выходов), 1/0,75 м отгрон, оптовая цена от 1 шт.

xw2zro150c100 , (xw2z-ro150c-100) соединительный кабель в/в, fcp , (fujitsu) 40-конт. , (плк) - 2 x mil 20-конт. , (клеммные  
блоки выходов), 1,5/1 м отгрон, оптовая цена от 1 шт.

xw2zro150c125 , (xw2z-ro150c-125) соединительный кабель в/в, fcp , (fujitsu) 40-конт. , (плк) - 2 x mil 20-конт. , (клеммные  
блоки выходов), 1,5/1,25 м отгрон, оптовая цена от 1 шт.

xw2zro200c150 , (xw2z-ro200c-150) соединительный кабель в/в, fcp , (fujitsu) 40-конт. , (плк) - 2 x mil 20-конт. , (клеммные  
блоки выходов), 2/1,5 м отгрон, оптовая цена от 1 шт.

xw2zro200c175 , (xw2z-ro200c-175) соединительный кабель в/в, fcp , (fujitsu) 40-конт. , (плк) - 2 х mil 20-конт. , (клеммные блоки выходов), 2/1,75 м omron, оптовая цена от 1 шт.

xw2zro300c275 , (xw2z-ro300c-275) соединительный кабель в/в, fcp , (fujitsu) 40-конт. , (плк) - 2 х mil 20-конт. , (клеммные блоки выходов), 3/2,75 м omron, оптовая цена от 1 шт.

xw2zro500c475 , (xw2z-ro500c-475) соединительный кабель в/в, fcp , (fujitsu) 40-конт. , (плк) - 2 х mil 20-конт. , (клеммные блоки выходов), 5/4,75 м omron, оптовая цена от 1 шт.

1mbi400v-120-50 , fuji electric, moq> 1 fuji electric

1mbi600v-120-50 , fuji electric, moq> 5 fuji electric

1mbi900v-120-50 , fuji electric, moq> 1 fuji electric

2mbi100ta-060-50 , fuji electric, moq> 10 fuji electric

2mbi150u2a-060-50 , moq>1 fuji

2mbi150u4a-120-50 , fuji electric, moq> 10 fuji electric

2mbi150va-060-50 , fuji electric, moq> 10 fuji electric

2mbi150va-120-50 , fuji electric, moq> 10 fuji electric

2mbi200vh-120-50 , fuji electric, moq> 10 fuji electric

2mbi300vn-120-50 , fuji electric, moq> 5 fuji electric

2mbi450ve-120-50 , fuji electric, moq> 5 fuji electric

2mbi600vn-120-50 , fuji electric, moq> 5 fuji electric

2sc2625 , fuji electric, moq>9 fuji electric

2sc2625 , moq>90 fuji

2sc2625 /fujitsu/ moq>2 fujitsu

2sc2625-34 /fuji electric corporation of america/ moq>10 fuji electric corporation of america

2sc2625-34 , moq>411 fuji

2sc3320 , fuji electric, moq>10 fuji electric

2sc4242 , fuji electric, moq>15 fuji electric

2sc4242 /fujicon/delcon/ fujicon/delcon

2sc4507 /fujitsu/ moq>10 fujitsu

2sc4508 /fujitsu/ moq>2 fujitsu

2sc4977 , moq>1 fuji

2sc5679 , moq>50 fuji

2sk1006 /fujitsu/ moq>100 fujitsu

2sk1082 , moq>1 fuji

2sk1388 /fuji semiconductor/fuji electric device technology america/ moq>2 fuji semiconductor/fuji electric device technology america

2sk1507 , moq>100 fuji

2sk1940 , fuji electric, moq>6 fuji electric

2sk1940 /fujitsu/ moq>10 fujitsu

2sk1944 /fujitsu/ moq>10 fujitsu

2sk2638 /fujitsu/ moq>2 fujitsu

2sk2640 , fuji electric, moq>1 fuji electric

2sk2645 , moq>60 fuji

2sk2645 /fujitsu/ moq>10 fujitsu

2sk2647 /fujitsu/ moq>10 fujitsu

2sk2651 , fuji electric, moq>15 fuji electric

2sk2651 , moq>63 fuji

2sk2651 /fujitsu/ moq>2 fujitsu

2sk2690-01 /fuji semiconductor/ цена от 1 шт fuji semiconductor

2sk2761 , fuji electric, moq>15 fuji electric

2sk2761 , moq>50 fuji

2sk2761 /fujitsu/ moq>10 fujitsu

2sk2850 , fuji electric, moq>15 fuji electric

2sk3264 , fuji electric, moq>15 fuji electric

2sk3264 /fujitsu/ moq>5 fujitsu

2sk3270-01 /fuji semiconductor/ цена от 1 шт fuji semiconductor

2sk3469 , fuji electric, moq>11 fuji electric

2sk3502 , moq>10 fuji

2sk3502 /fujitsu/ moq>2 fujitsu

2sk3522 , moq>25 fuji

2sk3522-01 /fuji semiconductor/ цена от 1 шт fuji semiconductor

2sk3525 , moq>15 fuji

2sk3527 , moq>30 fuji

2sk3528-01r /fuji semiconductor/ цена от 1 шт fuji semiconductor

2sk3530 , fuji electric, моq>15 fuji electric

2sk3530 , моq>73 fuji

2sk3530 /fujitsu/ моq>5 fujitsu

2sk3532 , моq>11 fuji

2sk3534 , моq>1 fuji

2sk3549 , моq>17 fuji

2sk3549 /fujitsu/ моq>5 fujitsu

2sk3556 , моq>36 fuji

2sk3590-01 /fuji semiconductor/fuji electric device technology america/ fuji semiconductor/fuji electric device technology america

2sk3591 , моq>16 fuji

2sk3596 , моq>35 fuji

2sk3596 /fujitsu/ моq>10 fujitsu

2sk3673 , моq>100 fuji

2sk3673 /fujitsu/ моq>5 fujitsu

2sk3675-01 /fuji semiconductor/ цена от 1 шт fuji semiconductor

2sk3677 , моq>28 fuji

2sk3679 , моq>50 fuji

2sk3680 , моq>11 fuji

2sk3680 /fujitsu/ моq>2 fujitsu

2sk3680-01 /fuji semiconductor/ цена от 100 шт fuji semiconductor

2sk3681-01 /fuji semiconductor/ цена от 1 шт fuji semiconductor

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г.Минск [www.fotorele.net](http://www.fotorele.net) [www.tiristor.by](http://www.tiristor.by) email [minsk17@tut.by](mailto:minsk17@tut.by) тел.+375447584780

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2sk3687 , моq>50 fuji

2sk3696 , моq>36 fuji

2sk3929 , моq>50 fuji

2sk4005 , moq>1 fuji

2sk4005 /fujitsu/ moq>10 fujitsu

2sk724 /fuji semiconductor/fuji electric device technology america/ moq>5 fuji semiconductor/fuji electric device technology america

2sk727 , fuji electric, moq>1 fuji electric

2sk903 /fujitsu/ fujitsu

6mbp15xsd-060-50 , fuji electric, moq> 10 fuji electric

6mbp15xsf-060-50 , fuji electric, moq> 10 fuji electric

6mbp20xsd-060-50 , fuji electric, moq> 10 fuji electric

6mbp20xsf-060-50 , fuji electric, moq> 10 fuji electric

6mbp25vaa-120-50 , fuji electric, moq> 10 fuji electric

6mbp30rh-060-50 , fuji electric, moq> 10 fuji electric

6mbp30xsd-060-50 , fuji electric, moq> 10 fuji electric

6mbp30xsf-060-50 , fuji electric, moq> 10 fuji electric

6mbp35xsd-060-50 , fuji electric, moq> 10 fuji electric

6mbp35xsf-060-50 , fuji electric, moq> 10 fuji electric

6mbp50vaa-060-50 , fuji electric, moq> 50 fuji electric

a-12w-k /fujitsu takamisawa/ moq>50 fujitsu takamisawa

a-12w-k ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa

a-12w-k /fujitsu/ moq>10 fujitsu

a-24w-k ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa

a-5w-k /fujitsu takamisawa/ moq>50 fujitsu takamisawa

a-5w-k ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa

a-5w-k /fujitsu/ moq>5 fujitsu

al-5w-k /fujitsu/ moq>2 fujitsu

bla003 /fuji electric corporation of america/ moq>2 fuji electric corporation of america

ecapsmd- 6.3v-1500mf kz0j152m-crg10 extra lowesr /fujicon/delcon/ moq>500 fujicon/delcon

ecapsmd- 6.3v-47mf ck0j470m-rc54 /fujicon/delcon/ moq>1000 fujicon/delcon

ecapsmd-16v-22mf ck1c220m-cr54 /fujicon/delcon/ moq>1000 fujicon/delcon

ecapsmd-50v-10mf ck1h100m-cre54 /fujicon/delcon/ moq>1000 fujicon/delcon

enc221d-14a /fuji electric corporation of america/ moq>10 fuji electric corporation of america

era81-004 /fuji semiconductor/ цена от 1000 шт 000 fuji semiconductor

erb81-004 /fuji semiconductor/ цена от 25 шт fuji semiconductor

esad92-02rsc /fuji electric corporation of america/ fuji electric corporation of america

f1ca012v , moq>1 fuji

f9222l , fuji electric, moq>4 fuji electric

f9222l , moq>14 fuji

f9223l , moq>7 fuji

fa13843n-d1-te1 , moq>1 fuji

fa3629av , moq>6 fuji

fa3641 , moq>10 fuji

fa5317p , moq>100 fuji

fa5331m , moq>20 fuji

fa5500an , moq>6 fuji

fa5501an , fuji electric, moq>18 fuji electric

fa5501an , moq>70 fuji

fa5501an /fujitsu/ fujitsu

fa5502m , moq>1 fuji

fa5502p , moq>12 fuji

fa5511n /fujitsu/ moq>2 fujitsu

fa5531 , moq>1 fuji

fa5760n , moq>14 fuji

fa6a10n , moq>25 fuji

fbr 51nd10-w1 /fujitsu/ moq>10000 fujitsu

fbr 51nd12-w1 /fujitsu/ moq>10000 fujitsu

fbr 53nd10-y /fujitsu/ moq>10000 fujitsu

fbr 53nd10-y-hw /fujitsu/ moq>10000 fujitsu

fbr161sed012-wb ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa

fbr51nd10-w1 ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa

fbr51nd12-w1 /fujitsu takamisawa/ moq>45 fujitsu takamisawa

fbr51nd12-w1 ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
fbr52nd12-w1 ,fujitsu-takamisawa, moq>100 fujitsu-takamisawa  
fbr52nd12-w1 /fujitsu/ moq>10000 fujitsu  
fbr53nd12-y /fujitsu/ moq>10000 fujitsu  
fbr53nd12y-hw /fujitsu/ moq>10000 fujitsu  
fbr56nd12-w1 ,fujitsu-takamisawa, moq>100 fujitsu-takamisawa  
fbr572nd24-w /fujitsu/ fujitsu  
fcn-268d008-g/1f /fujitsu/ moq>2 fujitsu  
fcn-268f024-g/0d /fujitsu/ moq>10000 fujitsu  
fcn-268f036-g/0d /fujitsu/ moq>10000 fujitsu  
fcn-268m024-g/bd /fujitsu/ moq>10000 fujitsu  
fcn-360c024-b /fujitsu/ moq>10000 fujitsu  
fcn-363j024 /fujitsu/ moq>10000 fujitsu  
fcn-364j024-au /fujitsu/ moq>2 fujitsu  
fcn-364p024-au /fujitsu/ moq>2 fujitsu  
fcn-364p040-au /fujitsu/ moq>10000 fujitsu  
fcn-364p040-au/d#01 /fujitsu/ moq>10000 fujitsu  
fcn700a2 /fujitsu/ moq> 1500 fujitsu  
fcn747b010auo /fujitsu/ moq> 250 fujitsu  
fcn754p010au/o /fujitsu/ moq> 1 fujitsu  
fcn754p026au/o /fujitsu/ moq> 100 fujitsu  
fd3284f , moq>10 fuji  
fd3294f , moq>4 fuji  
fd3407f , moq>20 fuji  
fes-311-131 /fujitsu/ moq>10000 fujitsu  
fes311121 /fujitsu/ moq>1000 шт цена от 2000 шт fujitsu  
fes311121 /fujitsu/ moq>10000 fujitsu  
fes311121 /fujitsu/ moq>2000 шт цена от 2000 шт fujitsu  
fes311121 /fujitsu/ moq>3000 шт цена от 3000 шт fujitsu  
fgw40n120hd /fuji semiconductor/ цена от 1 шт 00 fuji semiconductor

fgw50n60hd , fuji electric, moq> 5 fuji electric

fgw50n60hd /fuji semiconductor/fuji electric device technology america/ moq>5 fuji semiconductor/fuji electric device technology america

fmh11n90e /fuji semiconductor/ цена от 1 шт fuji semiconductor

fmh20n60s1 , fuji electric, moq> 100 fuji electric

fmh23n50e , fuji electric, moq>10 fuji electric

fmh23n50e /fuji semiconductor/ цена от 250 шт fuji semiconductor

fmh30n60s1 , fuji electric, moq> 250 fuji electric

fmh47n60s1 , fuji electric, moq> 250 fuji electric

fmp16n60e /fuji semiconductor/ цена от 1 шт fuji semiconductor

fmp20n60s1 , fuji electric, moq> 250 fuji electric

fmp30n60s1 , fuji electric, moq> 100 fuji electric

fmp30n60s1 /fuji semiconductor/fuji electric device technology america/ moq>5 fuji semiconductor/fuji electric device technology america

fmv12n50e , moq>100 fuji

fmv23n50e /fuji semiconductor/ цена от 1 шт fuji semiconductor

fmv30n60s1 , fuji electric, moq> 250 fuji electric

fmw20n60s1hf , fuji electric, moq> 50 fuji electric

fmw30n60s1hf /fuji semiconductor/ цена от 1 шт fuji semiconductor

fnc707p026au2 /fujitsu/ moq> 100 fujitsu

fsx017lg /takamisawa , (fujitsu)/ moq>100 takamisawa , (fujitsu)

ftp-622mcl001 /fujitsu/ moq>10000 fujitsu

ftp-622mcl101 /fujitsu/ moq>10000 fujitsu

ftp-624ct004 /fujitsu/ moq>10000 fujitsu

ftp-627mcl601 /fujitsu/ moq>10000 fujitsu

ftp-627usl401 /fujitsu/ moq>10000 fujitsu

ftp-628mcl054 /fujitsu/ moq>10000 fujitsu

ftp-628mcl054#01 , moq>1 fuji

ftp-628mcl101#50 /fujitsu/ moq>10000 fujitsu

ftp-628mcl113 /fujitsu/ moq>10000 fujitsu

ftp-628mcl401 /fujitsu/ moq>10000 fujitsu



ftp-637mcl103 /fujitsu/ moq>10000 fujitsu  
ftp-638mcl103 /fujitsu/ moq>10000 fujitsu  
ftp-648mcl103 /fujitsu/ moq>10000 fujitsu  
ftp-648mcl104 /fujitsu/ moq>10000 fujitsu  
ftr-b3ca012z ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ftr-b3ca024z ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ftr-b3ca4.5z /fujitsu/ moq>10 fujitsu  
ftr-b3cb024z /fujitsu/ moq>10000 fujitsu  
ftr-b3ga003z ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ftr-b3ga012z ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ftr-b3ga012z-b10 /fujitsu/ moq>5 fujitsu  
ftr-b3ga024z ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ftr-b3ga4.5z /fujitsu/ fujitsu  
ftr-b3sa012z-b10 /fujitsu/ moq>100 fujitsu  
ftr-b4ca003z /fujitsu/ moq>10000 fujitsu  
ftr-b4ca012z /fujitsu/ moq>100 fujitsu  
ftr-b4ca012z /fujitsu/ moq>10000 fujitsu  
ftr-b4ca024z ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ftr-b4ca4.5z /fujitsu/ moq>10000 fujitsu  
ftr-b4cb4.5z , moq>1 fuji  
ftr-b4ga003z-b05 /fujitsu/ moq>10000 fujitsu  
ftr-b4ga003z-b05 /fujitsu/ moq>5 fujitsu  
ftr-b4ga012z-b05 /fujitsu/ moq>10000 fujitsu  
ftr-b4ga024z-b05 /fujitsu/ moq>10000 fujitsu  
ftr-b4ga4.5z-b05 , moq>1 fuji  
ftr-b4ga4.5z-b05 /fujitsu/ moq>10000fujitsu  
ftr-b4ga4.5z-b05 /fujitsu/ moq>2 fujitsu  
ftr-b4gb009z-b05 /fujitsu/ moq>10000 fujitsu  
ftr-b4sa003z-b05 /fujitsu/ moq>10 fujitsu  
ftr-b4sa003z-b05 /fujitsu/ moq>10000 fujitsu

ftr-b4sa012z-b05 /fujitsu/ moq>10000 fujitsu  
ftr-b4sa024z-b05 /fujitsu/ moq>10000 fujitsu  
ftr-b4sa4.5z-b05 /fujitsu/ moq>10000fujitsu  
ftr-f1aa012v /fujitsu/ moq>10000 fujitsu  
ftr-f1ca005v ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ftr-f1ca012v ,fujitsu-takamisawa, moq>100 fujitsu-takamisawa  
ftr-f1ca024v ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ftr-f1ca024v /fujitsu/ moq>10000 fujitsu  
ftr-f1ca048v /fujitsu/ moq>10000 fujitsu  
ftr-f1cd012v /fujitsu/ moq>10000 fujitsu  
ftr-f1cd024v /fujitsu takamisawa/ moq>800 fujitsu takamisawa  
ftr-f1cd024v /fujitsu/ moq>2 fujitsu  
ftr-f1ldca012-r /fujitsu/ moq>5 fujitsu  
ftr-f3aa012e /fujitsu/ moq>2 fujitsu  
ftr-f3aa024e-ha ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ftr-g1cn012w1 /fujitsu/ moq>10000 fujitsu  
ftr-h1aa012v /fujitsu takamisawa/ moq>20 fujitsu takamisawa  
ftr-h1ca005v ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ftr-h1ca012v /fujitsu takamisawa/ moq>800 fujitsu takamisawa  
ftr-h1ca012v ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ftr-h1ca024v /fujitsu takamisawa/ moq>800 fujitsu takamisawa  
ftr-h1ca024v ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ftr-k1ak005t /fujitsu/ moq>10000 fujitsu  
ftr-k1ak006t /fujitsu/ moq>10000 fujitsu  
ftr-k1ak012t , moq>1 fuji  
ftr-k1ak012t /fujitsu takamisawa/ moq>800 fujitsu takamisawa  
ftr-k1ak012t ,fujitsu-takamisawa, moq>100 fujitsu-takamisawa  
ftr-k1ak012t /fujitsu/ moq>10fujitsu  
ftr-k1ak012t /fujitsu/ moq>10000 fujitsu  
ftr-k1ak024t ,fujitsu-takamisawa, moq>100 fujitsu-takamisawa

ftr-k1ak024t /fujitsu/ moq>10000 fujitsu  
ftr-k1ak048t /fujitsu/ moq>10000 fujitsu  
ftr-k1al005w-la /fujitsu/ moq>10000 fujitsu  
ftr-k1ck005w /fujitsu takamisawa/ moq>250 fujitsu takamisawa  
ftr-k1ck005w ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ftr-k1ck005w /fujitsu/ moq>10000 fujitsu  
ftr-k1ck005w-ma /fujitsu/ moq>10000 fujitsu  
ftr-k1ck009w /fujitsu/ moq>10000 fujitsu  
ftr-k1ck012w /fujitsu takamisawa/ moq>250 fujitsu takamisawa  
ftr-k1ck012w ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ftr-k1ck012w /fujitsu/ moq>10000 fujitsu  
ftr-k1ck012w-ma /fujitsu/ moq>10000 fujitsu  
ftr-k1ck024w /fujitsu/ moq>1 fujitsu  
ftr-k1ck024w /fujitsu/ moq>10 fujitsu  
ftr-k1ck024w /fujitsu/ moq>10000 fujitsu  
ftr-k1ck024w-ma /fujitsu/ moq>10000 fujitsu  
ftr-k1ck048w /fujitsu/ moq>10000 fujitsu  
ftr-k1cl012w-la /fujitsu/ moq>10000 fujitsu  
ftr-k3ab012w-wg ,fujitsu-takamisawa, moq>100 fujitsu-takamisawa  
ftr-lyaa012y /fujitsu/ moq>15 fujitsu  
ftr-lyca005y /fujitsu/ moq>15 fujitsu  
ftr-myaa012d /fujitsu/ moq>2 fujitsu  
ftr-myaa024d /fujitsu/ moq>2 fujitsu  
ftr-p3cn010w1 /fujitsu/ moq>10 fujitsu  
ftr-p3cn012w1 /fujitsu/ moq>2 fujitsu  
ftr-p4cn010w1 /fujitsu/ moq>2 fujitsu  
ftr-p4cn012w1 /fujitsu/ moq>10 fujitsu  
ftr-p5cn012w1 /fujitsu/ moq>10000 fujitsu  
ftr-p6gn010wa /fujitsu/ moq>10000 fujitsu  
ftr-p6gn012wa /fujitsu/ moq>10000 fujitsu

jl-5n ,fujitsu-takamisawa, moq>100 fujitsu-takamisawa  
 js-12mn-kt /fujitsu/ moq>20 fujitsu  
 js-12n-k ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
 js-12n-k /fujitsu/ moq>10 fujitsu  
 js-24-k /fujitsu/ moq>2 fujitsu  
 js-24m-k /fujitsu/ moq>10 fujitsu  
 js-24n-k /fujitsu/ moq>2 fujitsu  
 js-5n-k ,fujitsu-takamisawa, moq>100 fujitsu-takamisawa  
 jv-12s-kt /fujitsu takamisawa/ moq>500 fujitsu takamisawa  
 jv-12s-kt ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
 jv-12s-kt /fujitsu/ moq>10000fujitsu  
 jv-12s-kt /fujitsu/ moq>2 fujitsu  
 jv-24-kt /fujitsu/ moq>10000 fujitsu  
 jv-24s-kt ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
 jv-24s-kt /fujitsu/ moq>10 fujitsu  
 jv-24s-kt /fujitsu/ moq>10000fujitsu  
 jv-5s-kt ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
 jy-5h-k /fujitsu/ moq>10 fujitsu  
 lz-12h /fujitsu/ moq>10000 fujitsu  
 lz-12s-c /fujitsu/ moq>10 fujitsu  
 lz-24h-k /fujitsu/ moq>10000 fujitsu  
 lz-24mse /fujitsu/ moq>10 fujitsu  
 lz1v470m-cre54 /fujicon electric/ moq>10 fujicon electric  
 mb15e03slpfv1-g-er-6e1 /fujitsu/ moq>1 fujitsu  
 mb2146-440-e /fujitsu electronics america, inc./ moq>1 fujitsu electronics america, inc.  
 mb2146-450-e /fujitsu electronics america, inc./ moq>1 fujitsu electronics america, inc.  
 mb2146-460-e /fujitsu electronics america, inc./ moq>1 fujitsu electronics america, inc.  
 mb3773pf-g-bnd-hn-ere1 , moq>1 fuji  
 mb3785a-smd /fujitsu/ moq>2 fujitsu  
 mb85r1001anc-ge1 /fujitsu/ moq> 50 fujitsu

mb85r256fpnf-g-jne2 /fujitsu/ moq>2 fujitsu

mb85r256fpnf-g-jne2 /fujitsu/ moq>28 шт цена от 28 шт fujitsu

mb85r4002anc-ge1 /fujitsu/ moq> 10 fujitsu

mb85r4002anc-ge1 /fujitsu/ moq>1 шт цена от 75 шт fujitsu

mb85r4002anc-ge1 /fujitsu/ moq>10 шт цена от 43 шт fujitsu

mb85rc04vpnf-g-jne1 /fujitsu/ moq> 1000 fujitsu

mb85rc04vpnf-g-jne1 /fujitsu/ moq>1 шт цена от 1407 шт fujitsu

mb85rc04vpnf-g-jne1 /fujitsu/ moq>100 шт цена от 1029 шт fujitsu

mb85rc04vpnf-g-jne1 /fujitsu/ moq>1000 шт цена от 1235 шт fujitsu

mb85rc04vpnf-g-jne1 /fujitsu/ moq>25 шт цена от 1475 шт fujitsu

mb85rc04vpnf-g-jne1 /fujitsu/ moq>250 шт цена от 1186 шт fujitsu

mb85rc04vpnf-g-jne1 /fujitsu/ moq>50 шт цена от 847 шт fujitsu

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mb85rc04vpnf-g-jne1 /fujitsu/ moq>500 шт цена от 1209 шт fujitsu

mb85rc128pnf-g-jne1 /fujitsu/ moq> 100 fujitsu

mb85rc16pnf-g-jne1 /fujitsu/ moq> 50 fujitsu

mb85rc16pnf-g-jne1 /fujitsu/ moq>1 шт цена от 36 шт fujitsu

mb85rc16pnf-g-jne1 /fujitsu/ moq>25 шт цена от 44 шт fujitsu

mb85rc16pnf-g-jne1 /fujitsu/ moq>50 шт цена от 50 шт fujitsu

mb85rc16pnf-g-jne1 /fujitsu/ moq>95 шт цена от 1235 шт fujitsu

mb85rc16pnf-g-jnere1 /fujitsu/ moq>1 fujitsu

mb85rc256vpnf-g-jne1 /fujitsu/ moq> 250 fujitsu

mb85rc64apnf-g-jne1 /fujitsu/ moq> 250 fujitsu

mb85rc64pnf-g-jne1 /fujitsu/ moq> 250 fujitsu

mb85rc64pnf-g-jnere1 /fujitsu/ moq>1 fujitsu

mb85rc64tapnf-g-bdere1 /fujitsu/ moq>5 fujitsu

mb85rs128apnf-g-jne1 /fujitsu/ moq> 50 fujitsu

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mb85rs128bpnf-g-jne1 /fujitsu/ moq> 250 fujitsu  
mb85rs128bpnf-g-jne1 /fujitsu/ moq>1 шт цена от 258 шт fujitsu  
mb85rs128bpnf-g-jne1 /fujitsu/ moq>10 шт цена от 23 шт fujitsu  
mb85rs128bpnf-g-jne1 /fujitsu/ moq>100 шт цена от 100 шт fujitsu  
mb85rs128bpnf-g-jne1 /fujitsu/ moq>25 шт цена от 302 шт fujitsu  
mb85rs128bpnf-g-jne1 /fujitsu/ moq>250 шт цена от 250 шт fujitsu  
mb85rs128bpnf-g-jne1 /fujitsu/ moq>50 шт цена от 50 шт fujitsu  
mb85rs16pnf-g-jnere1 /fujitsu/ moq>1500 fujitsu  
mb85rs256apnf-g-jne1 /fujitsu/ moq> 500 fujitsu  
mb85rs256apnf-g-jne1 /fujitsu/ moq>1 шт цена от 622 шт fujitsu  
mb85rs256apnf-g-jne1 /fujitsu/ moq>10 шт цена от 641 шт fujitsu  
mb85rs256apnf-g-jne1 /fujitsu/ moq>100 шт цена от 656 шт fujitsu  
mb85rs256apnf-g-jne1 /fujitsu/ moq>25 шт цена от 650 шт fujitsu  
mb85rs256apnf-g-jne1 /fujitsu/ moq>250 шт цена от 659 шт fujitsu  
mb85rs256apnf-g-jne1 /fujitsu/ moq>50 шт цена от 648 шт fujitsu  
mb85rs256apnf-g-jne1 /fujitsu/ moq>500 шт цена от 662 шт fujitsu  
mb85rs256apnf-g-jne1 /fujitsu/ moq>95 шт цена от 760 шт fujitsu  
mb85rs256bpnf-g-jne1 /fujitsu/ moq> 250 fujitsu  
mb85rs64vpnf-g-jnere1 , moq>1 fuji  
mb90f497gpmc-ge1 , moq>1 fuji  
mb90f543gpf-ge1 , fuji electric, moq>1 fuji electric  
mb90f897spmcr-gse1 /fujitsu/ moq> 100 fujitsu  
mbm2732a-30 , moq>1 fuji  
mbm29f400tc-70pf /fujitsu/ moq>5 fujitsu  
mbm29f800ba-55-pftn , moq>1 fuji  
mp2a5038 , moq>15 fuji  
mp2a5060 , moq>6 fuji  
mp2a5077 , moq>12 fuji  
mp2a5100 , moq>6 fuji  
mp2b6120 , moq>6 fuji

mp2c6120 , moq>15 fuji

mz-12hs-k /fujitsu/ moq>10000 fujitsu

mz-24hs-k-u /fujitsu/ moq>10000 fujitsu

mz-24hs-u /fujitsu/ moq>10000 fujitsu

n010-0510-t216 /fujitsu/ moq>10000 fujitsu

n010-0550-t627 /fujitsu/ moq>10000 fujitsu

n010-0554-t015 /fujitsu/ moq>10000 fujitsu

n010-0554-t241a /fujitsu/ moq>10000 fujitsu

n010-0554-t347 /fujitsu/ moq>10 fujitsu

n010-0554-t504a /fujitsu/ moq>10000 fujitsu

n010-0554-t703 /fujitsu/ moq>10000 fujitsu

n010-0554-t805a /fujitsu/ moq>10000 fujitsu

n010-0554-t902 /fujitsu/ fujitsu

n010-0559-v026 /fujitsu/ moq>10000 fujitsu

n16b-0558-b280 /fujitsu/ moq>10000 fujitsu

n16b-0558-b810-es /fujitsu/ moq>10000 fujitsu

na-12w-k /fujitsu/ moq>10000 fujitsu

na-12w-k /fujitsu/ moq>2 fujitsu

na-24w-k ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa

na-24w-k /fujitsu/ moq>10000 fujitsu

na-5w-k /fujitsu takamisawa/ moq>1000 fujitsu takamisawa

na-5w-k ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa

na-5w-k /fujitsu/ moq>10000 fujitsu

nc01101-t041 /fujitsu/ moq>10000 fujitsu

nc01101-t081 /fujitsu/ moq>10000 fujitsu

nc01111-t202 /fujitsu/ moq>10000 fujitsu

nc01111-t222 /fujitsu/ moq>10000 fujitsu

nc01111-t242 /fujitsu/ moq>10000 fujitsu

nc01511-t081 /fujitsu/ moq>10000 fujitsu

nc01850-b010rs /fujitsu/ moq>10000 fujitsu

nc01850-b045rs /fujitsu/ moq>10000 fujitsu  
nc41120-0031 /fujitsu/ moq>10000 fujitsu  
ny-24w-k ,fujitsu-takamisawa, moq>100 fujitsu-takamisawa  
ny-24w-k-ie /fujitsu/ moq>100 fujitsu  
ny-5w-k ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
nyp-24w-k-ie ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
rb105-de /fuji electric corporation of america/ fuji electric corporation of america  
ry-12w-k /fujitsu takamisawa/ moq>100 fujitsu takamisawa  
ry-12w-k ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ry-12w-k /fujitsu/ moq>10 fujitsu  
ry-12w-k /fujitsu/ moq>10000 fujitsu  
ry-12w-k-ul /fujitsu/ moq>10 fujitsu  
ry-12wfz-k /fujitsu/ moq>2 fujitsu  
ry-12wz-k /fujitsu/ moq>10 fujitsu  
ry-24d-k /fujitsu/ moq>10000 fujitsu  
ry-24w-k /fujitsu takamisawa/ moq>1000 fujitsu takamisawa  
ry-24w-k ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ry-24w-k /fujitsu/ moq>10000 fujitsu  
ry-24w-k /fujitsu/ moq>5 fujitsu  
ry-24wfz-k /fujitsu/ moq>10000 fujitsu  
ry-5w-k ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
ry-5w-k /fujitsu/ moq>10 fujitsu  
ry-5w-k /fujitsu/ moq>10000 fujitsu  
ry-6w-k /fujitsu/ moq>10000 fujitsu  
s2-6s , moq>300 fuji  
sc802-04 /fuji semiconductor/ цена от 1 шт fuji semiconductor  
spc7011f , moq>200 fuji  
sy-12-k /fujitsu takamisawa/ moq>40 fujitsu takamisawa  
sy-12-k ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
sy-12-k /fujitsu/ moq>10000 fujitsu



sy-12-k /fujitsu/ moq>40 fujitsu  
 sy-12w-k /fujitsu/ moq>10000 fujitsu  
 sy-24-k ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
 sy-24-k /fujitsu/ moq>10000 fujitsu  
 sy-24w-k /fujitsu/ moq>10000 fujitsu  
 sy-5-k ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
 sy-5-k /fujitsu/ moq>10000 fujitsu  
 sy-5w-k /fujitsu/ moq>10000 fujitsu  
 t010-1301-t320 /fujitsu/ moq>10000 fujitsu  
 ve-24h5-k ,fujitsu-takamisawa, moq>500 fujitsu-takamisawa  
 ve-24h5-k /fujitsu/ moq>10 fujitsu  
 ve-5hse-k ,fujitsu-takamisawa, moq>100 fujitsu-takamisawa  
 vla517-01r , fuji electric, moq> 250 fuji electric  
 vla517-01r , moq>1 шт цена от 92 шт fuji  
 vla517-01r , moq>10 шт цена от 115 шт fuji  
 vla517-01r , moq>100 шт цена от 126 шт fuji  
 vla517-01r , moq>250 шт цена от 250 шт fuji  
 vla517-01r , moq>5 шт цена от 109 шт fuji  
 vla517-01r , moq>50 шт цена от 122 шт fuji  
 yg902c2r /fuji semiconductor/ цена от 1 шт fuji semiconductor  
 свч: диод esjc32-08x , moq>26 fuji  
 fcn-234j096-g/u , (fujitsu)  
 g5a-234p-53/3-12 53w/3/fuji omron  
 варэчшбвюа fsu01lg fujitsu fujitsu, ррсп ррррспрррррсп 01.02.2012  
 дшымба far-f5ch-836m50-l2aw-r fujitsu fujitsu, ррсп ррррспрррррсп 01.08.2001  
 микросхема mb85r4002anc-ge1 fujitsu fujitsu, 41364.0  
 микросхема mb85r4002anc-ge1 fujitsu fujitsu, дата изготовления: 31.03.2013  
 транзистор / fl1357me / fujitsu эри - полупроводники, год выпуска: 2011  
 транзистор / fl1357me / fujitsu | год выпуска: 2011 эри - полупроводники  
 транзистор / fsx017wf / fujitsu эри - полупроводники, год выпуска: 2011

транзистор / fsx017wf / fujitsu | год выпуска: 2011 эри - полупроводники

транзистор / fsx027wf / fujitsu эри - полупроводники, год выпуска: 2011

транзистор / fsx027wf / fujitsu | год выпуска: 2011 эри - полупроводники

транзистор fsu01lg fujitsu fujitsu, 40940.0

транзистор fsu01lg fujitsu fujitsu, дата изготовления: 31.01.2010

фильтр far-f5ch-836m50-l2aw-r fujitsu fujitsu, 37104.0

фильтр far-f5ch-836m50-l2aw-r fujitsu fujitsu, дата изготовления: 01.08.2001

ышьаюбехър mb85r4002anc-ge1 fujitsu fujitsu, ррср рррсрррррррс 31.03.2013

mbm2764-25 dip28 fujitsu

2sc2625 fuji to-3p, (n) -10a 400v npn transistor

2sc3320 fuji top-3p -транзистор npn: 400в, 5а

2sk1221 fuji to-220 -mosfet, n-ch, 800v ,5а

2sk1940 fuji to-3p -n-channel mosfet

2sk2098 fuji to-220f -n-ch mosfet

2sk2101 fuji to-220f -n-channel mos-fet

2sk2645 fuji to-220f -n-ch mosfet

2sk2647 fuji to-220f -n-channel mosfet

2sk2648 fuji to-3p -n-channel mosfet, =stw8nk80z

2sk2761 fuji to-220f -600v 10a n-channel mosfet

2sk2767 fuji to-220 -n-ch mosfet

2sk2850 fuji to-247 -n-ch power mosfet

2sk3264 fuji to-220f -n-ch mosfet, =stp7nk80zfp

2sk3469 fuji to-220f -n-ch mosfet

2sk3525 fuji to-220f -n-ch mosfet

2sk3530 fuji to-220f -n-ch mosfet

2sk3532 fuji to-220f -n-ch mosfet

2sk3673-01mr fuji to-220f -n-ch mosfet

2sk3677-01mr fuji to-220f -mosfet транзистор: n-канал, 700в, 12а

2sk3683-01mr fuji to-220f -n-ch power mosfet, =stf12nm50n, stp14nk50zfp

esad92-02rsc fuji sc-65 -

f9222l fuji -  
f9222t fuji tssop20 -  
fa3641n fuji soic8/150 -pwm control ic  
fa3647n fuji soic8/150 -pwm control ic  
fa3647p fuji dip8 -pwm control ic  
fa5311b fuji dip8 -pwm controller  
fa5507 fuji dip8 -  
fa5510n fuji soic8/150 -cmos ic for switching power supply control  
fa5531 fuji dip8 -quasi-resonant ic  
fa5541 fuji soic8/150 -switching power supply control ic  
fa5591n fuji soic8/150 -контроллер pfc  
mb39a126pfv fujitsu ssop24 -dc/dc converter for charging li-ion battery  
mbm29f200bc-90pf fujitsu psop44 -flash memory 2m , (256k?8/128k?16) bit  
mbm29f400bc-55 used fujitsu psop44 -flash: 4m , (512kx8-256kx16) bit  
mbm29lv160te-70pftn fujitsu tsop48 -flash 16m , (2mx8/1mx16)bit  
mp2a5038 fuji sip15 -  
yg972s6r fuji to-220f-2 -диод: 600в, 10а, 50нс  
2sc2625 to-3p fuji транзистор  
2sc2769 fuji to-3p транзистор  
2sc2944 fuji to-3p транзистор  
mb91101a fuji qfp100 диодный мост  
2sc4242, (to220,400v,7a,40w)аналогкт8546fuji \*\*\*\*транзисторы  
2sc4538 fuji \*\*\*\*транзисторы  
2sc4977 fuji \*\*\*\*транзисторы  
2sd833 fuji \*\*\*\*транзисторы  
2sk1217-01r fuji \*\*\*\*транзисторы  
2sk1917 fuji \*\*\*\*транзисторы  
2sk727 fuji \*\*\*\*транзисторы  
2sk727n-channel1000v5a125wfujitsu \*\*\*\*транзисторы  
fa5587n fuji \*\*\*микросхемы

fa5760n fuji \*\*\*микросхемы

mb3771tf fujitsu \*\*\*микросхемы

mb4204pf fujitsu \*\*\*микросхемы

mb90f543gpffujitsu диоды,свч,индикаторы

2mbi100n060 fuji , силовой коммутатор

2mbi150pc-140 fuji, сборка ключей

2mbi150u2a-060, модуль fuji 10+ original

7mbr15sa120-50 fuji модуль

cs1w-id231-chn, модуль расширения для cs1, 32 входа, 24vdc, fujitsu-разъем

fujifilm superia 400/24

fujifilm superia 400/36

fujikura ct-20

fujikura ct04/ct07

fujikura fsm-62s+

fujikura fsm-80s

fujikura fsm-80s+

rserver fujitsu pr rx300s8

rserver fujitsu pr rx300s8 e5-2620v2/8gb 1rlv 1.6/ x6 3.5"/rw/raid 6g 5/6/450w , (vf , (плохая упаковка) vfy:r3008sx140in + hdd fujitsu sata 6g 1tb 7.2k hot pl 3.5" bc rx100s7p/rx300s7 , (s26361-f3670-l100) + soft fujitsu winsvr 2012 r2 standard 2cpu/2vm r

компьютер fujitsu esprimo c700 usff i3 2120/2gb/500gb 7.2k/dvdrw/kb400 ps/2mouse/windows 7 pro 64

2sc2625 fuji

2sc3320 fuji

2sk1221 fuji

2sk1940 fuji

2sk2098 fuji

2sk2101 fuji

2sk2645 fuji

2sk2647 fuji

2sk2648 fuji

2sk2761 fuji

2sk2767 fuji

2sk2850 fuji

2sk3264 fuji

2sk3469 fuji

2sk3525 fuji

2sk3530 fuji

2sk3532 fuji

2sk3673-01mr fuji

2sk3677-01mr fuji

2sk3683-01mr fuji

esad92-02rsc fuji

f9222l fuji

fa3641n fuji

fa3647n fuji

fa3647p fuji

fa5311b fuji

fa5507 fuji

fa5510n fuji

fa5531 fuji

fa5541 fuji

fa5591n fuji

mb39a126pfv fujitsu

mbh, fuji-e fujitsu, средства разработки bluetooth / 802.15.1 ble eval brd w/usb cable no module mnt

mbh, fuji2-e1 fujitsu, средства разработки bluetooth / 802.15.1 ble 4.2 eval brd w/ usb cable no mod mnt

mbm29f200bc-90pf fujitsu

mbm29f400bc-55 used fujitsu

mbm29lv160te-70pftn fujitsu

yg972s6r fuji

2sc2625, (to247), fuji

2sc3320, (to3p), fuji

2sc3866, (to220), fuji  
2sc3866, (to220f), fuji  
2sc4538, (to3pf), fuji  
2sc4977, (to220f), fuji  
2sj476, (to262), fuji  
2sk1082, (to3p), fuji  
2sk1096, (to220f), fuji  
2sk1101, (to220f), fuji  
2sk1102, (to220f), fuji  
2sk1217, (to3pf), fuji  
2sk1221, (to220), fuji  
2sk1821, (to220f), fuji  
2sk1916, (to3p), fuji  
2sk1917, (to220f), fuji  
2sk1943, (to220), fuji  
2sk2002, (to220f), fuji  
2sk2025, (to220), fuji=2sk1117  
2sk2025, (to220f), fuji  
2sk2049, (to220), fuji  
2sk2098-01mr, (to220f), fuji  
2sk2099, (dpak), fuji  
2sk2099, (to251), fuji  
2sk2101, (to220f), fuji  
2sk2148, (to3pf), fuji  
2sk2251, (to220), fuji  
2sk2545, (to220f), fuji=2sk1118  
2sk2561, (to3pf), fuji  
2sk2640, (to220f), fuji  
2sk2645, (to220f), fuji  
2sk2647, (to220f), fuji=2sk1643

2sk2651, (to220f), fuji  
2sk2655, (to3pf), fuji  
2sk2761, (to220f), fuji=2sk2843  
2sk2769, (to220f), fuji=2sk2718  
2sk2850, (to247), fuji=2sk1358  
2sk2876, (to220f), fuji=2sk2237  
2sk3102, (to220f), fuji  
2sk3102, (to3pf), fuji electric  
2sk3264, (to220f), fuji  
2sk3265, (to220f), fuji  
2sk3271, (to247), fuji  
2sk3502, (to220f), fuji  
2sk3528, (to3pf), fuji  
2sk3530, (to220f), fuji  
2sk3532, (to220f), fuji  
2sk3673, (to220f), fuji  
2sk3677, (to220f), fuji  
2sk3683, (to220f), fuji  
2sk901, (to247), fuji  
2sk904, (to220), fuji  
2sk905, (to3p), fuji  
2sk952, (to220f), fuji  
2sk954, (to3p), fuji  
2sk955, (to3p), fuji  
2sk956, (to247), fuji  
esad92-02, (to3p), fuji electric  
f9222l, (sip13), fuji  
fa13843n, (so8-150), fuji  
fa3641, (dip8), fuji  
fa3641, (so8), fuji

fa3647, (dip8), fuji

fa3647n, (so8), fuji electric

fa5205p, (dip20), fuji

fa5304, (dip8), fuji

fa5305, (dip8), fuji

fa5311, (dip8), fuji

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fa5315, (dip8), fuji

fa5317, (dip8), fuji

fa5500a, (so8), fuji electric

fa5501, (dip8), fuji

fa5501a, (so8), fuji

fa5502, (dip16), fuji

fa5510, (dip8), fuji

fa5511, (dip8), fuji

fa5511, (so8), fuji

fa5518, (dip8), fuji

fa5518, (so8), fuji

fa5528, (dip8), fuji electric

fa5528h, (so8-150), fuji

fa5531, (dip8), fuji electric

fa5541, (so8), fuji electric

fa5541a, (dip8), fuji electric

fa5558n, (so8), fuji electric

fa5571n, (so8-150), fuji electric

fa5587n, (so8), fuji electric

fa5591n, (so8-150), fuji electric

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fa6a01n, (so16-150), fuji electric

fa7610, (dip8), fuji

fa7610, (so8), fuji electric

fcn-234j096-g/u , (fujitsu)

fmh23n50e, (to3p), fuji

mb3712, (sip8), fuji

mb3730a, (sip7), fuji

mb39a132, (qfn32), fuji electric

mb90f543gpf, (tqfp100), (mb90f543g), fujitsu

mbm27c64-20, (y/φ,dip28), fujitsu

mp2a5038, (sip15), fuji

mp2a5060, (sip15), fuji electric

on4977, (to220f), fuji

spc7011f, (so8), fuji electric

реле ry5w-k, (8pin), fujitsu

транзистор / fl1357me / fujitsu

транзистор / fsx017wf / fujitsu

транзистор / fsx027wf / fujitsu

ry24w-k , (fujitsu-takamisawa)

ds2401ap-02b-06/fujitsu maxim integrated products, регистрация серийного номера

erd38-06+fuji

far-d5cc-881m50-d1a6gq, fujitsu fujitsu, частота: 881,5 mhz, корпус: smd, 3,8x3,8x1,6мм, тип: пав дуплексер

far-f5ch-836m50-l2aw-t, fujitsu fujitsu, частота: 836,5 mhz, корпус: smd, 3,8x3,8x1,6мм, тип: пав фильтр системы  
amps/adc , (передача), fo=836,5мг

far-f5ch-888m50-l2cl-t, fujitsu fujitsu, частота: 888,5 mhz, корпус: smd, 3,8x3,8x1,6мм, тип: пав фильтр системы etacs ,  
(передача), fo=888,5мгц,

far-f6ce-1g8425-l2ybu, fujitsu fujitsu, тип: пав фильтр

fuji-110/a glenair, bga

fujisoku japan, 6?, ?, (??»???)

fujitsu takamisawa fujitsu takamisawa, группа: реле слаботочные , (до 4а), описание: ином=5vdc, 2а, 2 form с, 178 ohm,  
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fujitsu4-stackedmcp bga

msfujidc26r5557 n/a, 09+ ssop48

pmm8713, (fujitsu)

s016gtr-3.8mm, fuji

so16gtr-3.8mm, fuji argosy, 99+ sop-16

ta035tnc1r0mb2r, fujitsu fujitsu, ёмкость: 1uf, номин.напряж.: 35v, точность: ±10%, типоразмер: size-b

транзистор / fl1357me / fujitsu

транзистор / fsx017wf / fujitsu

транзистор / fsx027wf / fujitsu

ds2401ap-02b-06/fujitsu

100мкф 200в 105с 16х25мм jamicon/fujicon

10мкф 450в 105с 10х21мм jamicon/rubycon/fujicon

2200мкф 25в 105с 13х21мм fujicon

47мкф 50в 105с 6х12мм fujicon

cp31 15a ac250v, (fuji)

etf81-050 a50l-0001-0092 fuji

evk31-050 50a 500в fuji

evk71-060 75a 600в fuji

ds2401ap-02b-06/fujitsu

fuji-110/a

fujisoku

afujinp40 ansmann energy

2sk2651, (to-220f, fuji)

2sk3102, (to-3pf, fuji)

2sk3264, (to-220f15, fuji)

2sk3469, (to-220f, fuji)

2sk3528, (to-3pf, fuji)

2sk3530, (to-220f, fuji)

2sk3683, (to-220f15, fuji)

cbb60h 2mkf 450v, (клеммы) fuji пусковой конденсатор

cbb60h 3mkf 450v , (клеммы) fuji пусковой конденсатор  
cbb60h 4mkf 450v , (клеммы) fuji пусковой конденсатор  
cbb60h 5mkf 450v , (клеммы) fuji пусковой конденсатор  
cbb60h 6mkf 450v , (клеммы) fuji пусковой конденсатор  
cbb60h 8mkf 450v , (клеммы) fuji пусковой конденсатор  
cbb60h 9mkf 450v , (клеммы) fuji пусковой конденсатор  
cbb60h 12mkf 450v , (клеммы) fuji пусковой конденсатор  
cbb60h 16mkf 450v , (клеммы) fuji пусковой конденсатор  
cbb60h 20mkf 450v , (клеммы) fuji пусковой конденсатор  
cbb60h 25mkf 450v , (клеммы) fuji пусковой конденсатор  
cbb60h 30mkf 450v , (клеммы) fuji пусковой конденсатор  
cbb60h 50mkf 450v , (клеммы) fuji пусковой конденсатор  
cbb60h 55mkf 450v , (клеммы) fuji пусковой конденсатор  
cd60 100mkf 300v , (клеммы) fuji пусковой конденсатор  
cd60 200mkf 300v , (клеммы) fuji пусковой конденсатор  
cd60 300mkf 300v , (клеммы) fuji пусковой конденсатор  
f9222l , (silp12, fuji)  
f9223l , (silp12, fuji)  
f9223l org. fuji  
fa5311s , (sop-8, fuji)  
fa5332 fuji  
fa5501a , (sop-8, fuji)  
fa5501p , (dip8, fuji)  
fa5541ap , (dip8, fuji electric)  
fa5591n , (sop-8, fuji electric)  
fa7610 dip8 fuji  
fa7610cn , (sop8, fuji)  
fa7610cp , (dip8, fuji electric)  
fan7602 , (n) dip-8 fuji  
fan7602m so-8 fuji

fcn-234j096-g/u , (fujitsu)

fma09n65gx , (to-220f15, fuji electric)

fmh23n50e , (to-3p, fuji electric)

fuji electric frn 1.5 g1e-4e

mbl8086-2 fujitsu 81 , (8627 e86) 48pin au

mbl8089-2 fujitsu 83 , (9108 e42) 48pin au

ry24w-k , (fujitsu-takamisawa)

spc7011f , (sop-8, fuji electric)

реле 12v 8 pin , (на плату) na12w-k fujitsu сигнальное

реле 5v 8 pin , (на плату) ry5w-k fujitsu japan , (синии) =g5v2h1-5dc

1ss181, (t5rfujitsha toshiba

1ss300, (t5rfujitsha toshiba

1ss302, (t5rfujitsha toshiba

ta78m08f, (lbs1fujit toshiba

ta78m08f, (t6l1fujit toshiba

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# DIN Ready Solid State Relay

## HIGHLIGHTS

- INPUT: DC CONTROL (TTL or CMOS COMPATIBLE)
- OUTPUT: BACK-TO-BACK SCR
- OPTO ISOLATION 2500 VAC (4000 V optional)
- ZERO VOLTAGE TURN-ON or RANDOM TURN-ON
- BUILT IN SAFETY COVER
- REVERSE VOLTAGE PROTECTION FOR DC/AC RELAYS
- BUILT IN SNUBBER FOR HIGH DV/DT
- DIN MOUNT OR BACK PLATE MOUNTING
- LED INDICATOR SHOWING RELAY 'ON' STATUS



(J: Zero voltage turn-on; K: Random turn-on)

## ELECTRICAL SPECIFICATIONS

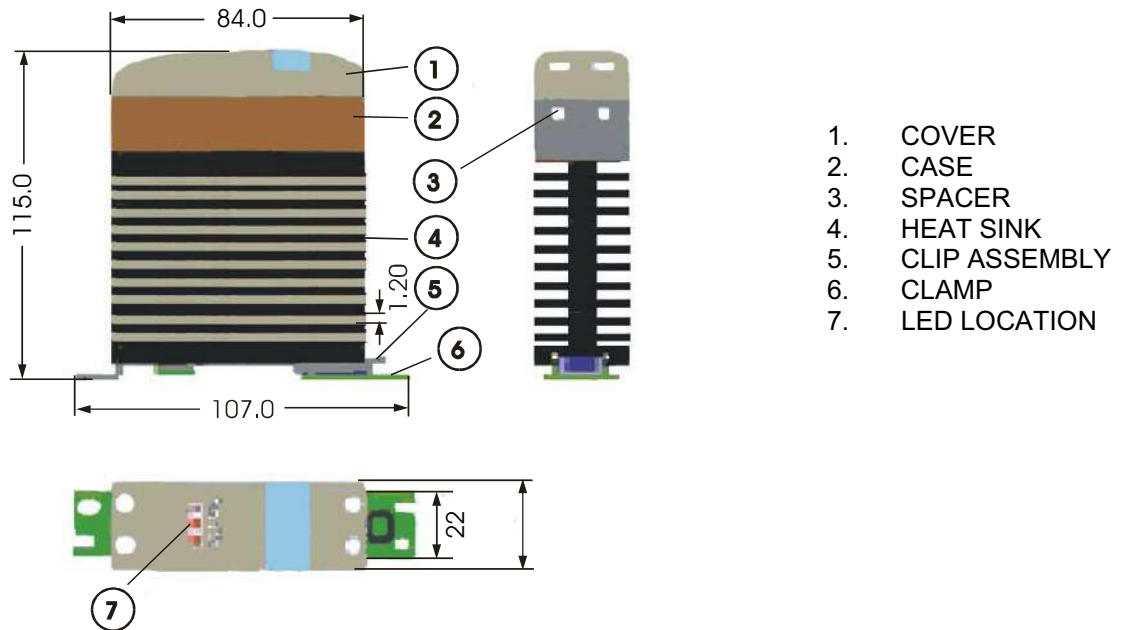
Parameter	Symbol	Type				Unit
		PSB DIN 30D 241000	PSB DIN 30D 241600	PSB DIN 30D 242500	PSB DIN 30D 244000	
<b>DC CONTROL</b>						
Control voltage range		3-32	3-32	3-32	3-32	Vdc
Control current range		8-30	8-30	8-30	8-30	mA
Pick-up voltage		3.0	3.0	3.0	3.0	Vdc
Drop-out voltage		1.0	1.0	1.0	1.0	Vdc
Input resistance		Current regulator				
<b>OUTPUT</b>						
Mains control voltage	$V_{RMS}$	24-240	24-240	24-240	24-240	Vac
Repetitive peak off state voltage	$V_{DRM}$	600	600	600	600	Vpk
RMS on-state current	$I_T$	10	16	25	40	A
Zero turn-on voltage		35	35	35	35	Vac
On-state voltage drop	$V_{TM}$	1.6	1.6	1.8	1.8	Vac
Off-state leakage current @ rated voltage	$I_{DRM}$	5	5	5	5	mA
Peak one cycle surge current (non-Rrep)	$I_{TSM}$	100	250	800	800	A
Holding current	$I_H$	75	120	250	250	mA
Critical rate of rise of off-state voltage	dv/dt	200	250	500	500	V/ $\mu$ s
Thermal resistance (junction to case)	$R_{thjc}$	1.5	1.3	0.43	0.43	K/W
Frequency range	f	47-63	47-63	47-63	47-63	Hz
Storage temperature	$T_s$	-30 to +100	-30 to +100	-30 to +100	-30 to +100	$^{\circ}$ C
Operating temperature	$T_o$	-30 to +80	-30 to +80	-30 to +80	-30 to +80	$^{\circ}$ C
Turn-on time	T-on	10	10	10	10	ms
Turn-off time	T-off	10	10	10	10	ms
Fusing current	$I^2t$	72	128	3700	3700	A <sup>2</sup> s

ALL ELECTRICAL PARAMETERS MEASURED @ TA= 25 DEG C



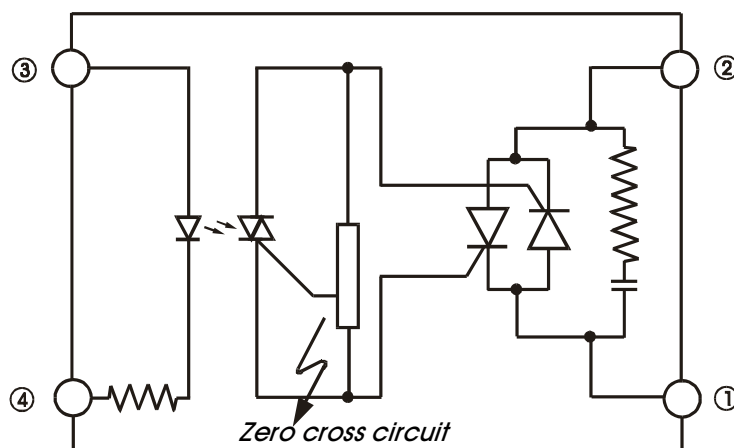
released, E 197669

# DIN Ready Solid State Relay



## Features of DIN Ready SSR

- AC SOLID STATE CONTRACTOR IN 30 mm HOUSING
- ZERO SWITCHING FOR HEATING AND MOTOR APPLICATIONS/RANDOM SWITCHING
- RATED OPERATIONAL CURRENT 10 A, 16 A & 25 A ( 40 A WITH FORCED COOLING
- RATED OPERATIONAL VOLTAGE 120/230 VAC, 400/480/660
- TRANSIENT OVER VOLTAGE PROTECTION (OPTICAL)
- LED INDICATOR SHOWING RELAY "ON" STATUS
- IP 20 PROTECTION
- DIN – RAIL AND BACK PLATE MOUNTABLE
- CONNECTING TERMINALS LAYOUT AS CONTRACTOR OR SSR STANDARD
- OPTO-ISOLATION > 400 V
- BUILT IN SNUBBER

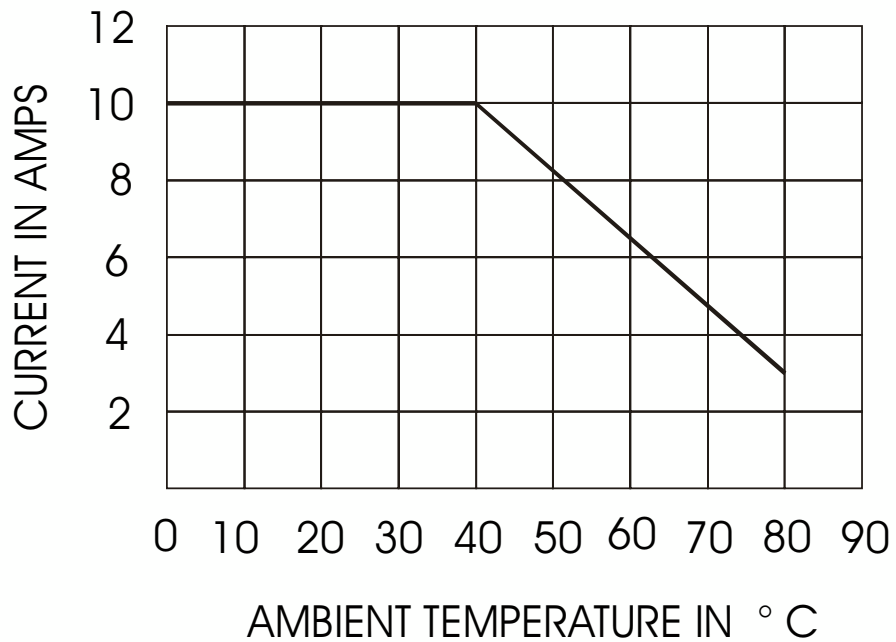


1 Output      3 Input (+)  
2 Output      4 Input (-)

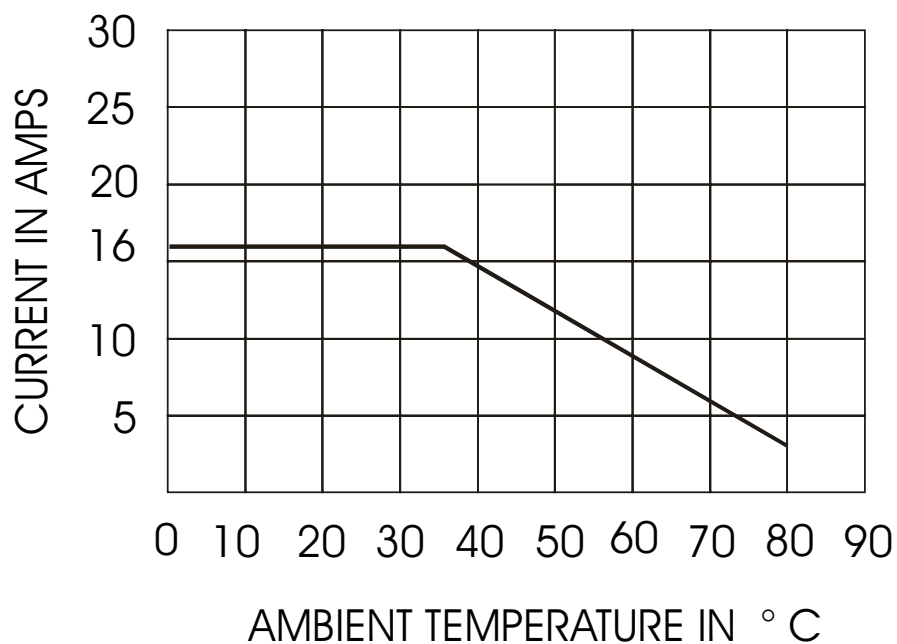
SCHMATIC OF J & K SERIES  
DC / AC RELAYS *DIN SSR's*

## DIN Ready Solid State Relay

### DERATING CURVE FOR 10 A DIN SSR



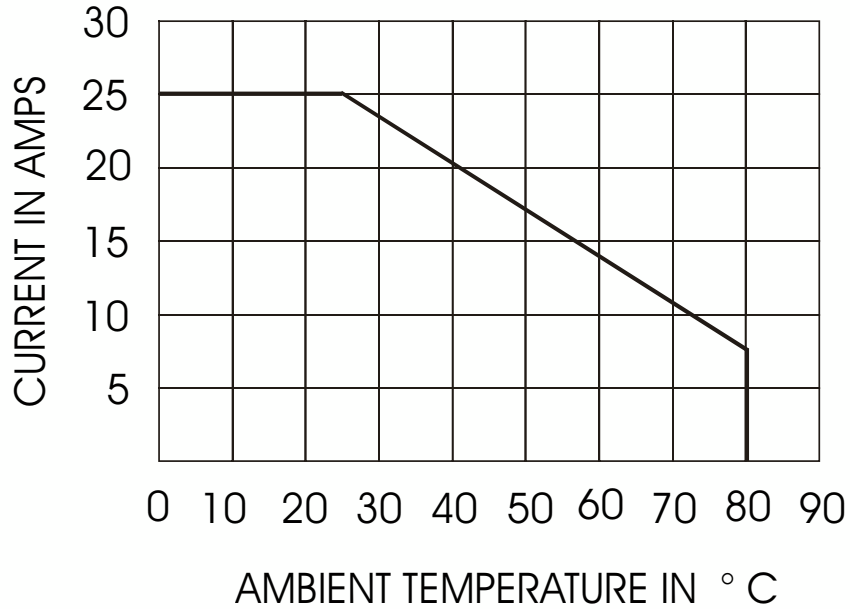
### DERATING CURVE FOR 16 A DIN SSR





# DIN Ready Solid State Relay

## DERATING CURVE FOR 25 A DIN SSR



## DERATING CURVE FOR 40 A DIN SSR

