

Guardian, Минск Т.80447584780

www.fotorele.net www.tiristor.by радиодетали, электронные компоненты

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Реле, твердотельное, Guardian, модуль, каталог, описание, технические, характеристики, datasheet, параметры, маркировка, габариты, фото, даташит, *solid state relay*

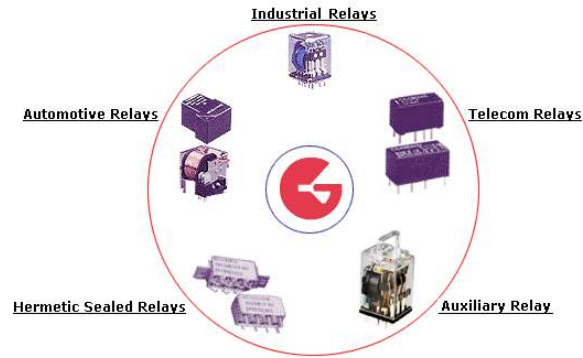


The image displays a product catalog for Crydom solid state relays. It features a grid of various relay models with labels such as 'Panel Mount', 'DIN Rail Mount', 'PCB Mount', 'Plug In', 'SSR Relay Timers', 'SSR Accessories', 'SSR Heat Sink Assemblies', 'Control Relays', 'Power Modules', 'Custom Products', 'S-2 and S-2T Series', 'DMS 2 and DMS 2T Series', 'F10 Series', 'J Series', 'M10 (Din) Series', and 'M12 Series'. A central circular logo for 'Беларусь Минск' includes the website 'www.fotorele.net' and phone number '+375 29 758 47 80'. A QR code is labeled 'QR код'. The Crydom logo is at the bottom left, and the text 'SSR DIN PCB НА ПАНЕЛЬ ПЛАТУ' is at the bottom left. A descriptive paragraph in Russian is located at the bottom right of the catalog area.

**Реле, твёрдотельное купить,
продажа, в наличии,
Минск, Беларусь**



Products



Industrial Relays



Series 19



Series 79



Series 18



Series 18



Series 18



Series 18



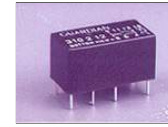
Series 76

[Click here for Specifications](#)

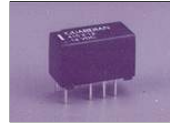
Telecom Relays



Series 42



Series 31



Series 41



Series 27



Series 27

[Click here for Specifications](#)

Automotive Relays



Series 17



Series 22



Series 20



Series 51

[Click here for Specifications](#)

Hermetic Sealed Relays



MINIGRID



HFW CRYSTAL CAN



TO 5

[Click here for Specifications](#)

Auxiliary Relay



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Hermetic Sealed Relays

	05/JMA	05G/JMG	02/HFW
SERIES	05/JMA	05G/JMG	02/HFW
Description	To5 Relay	0.100 Grid Relay	Half Crystal Can Relay
Contact Arrangement	2Form C	2Form C	2Form C
Contact Material	Gold /Platinum/ Palladium/ Silver Alloy (Gold Plated)	Gold /Platinum/ Palladium/ Silver Alloy (Gold Plated)	Hardened Silver Alloy (Gold Plated)
Contact Current Rating	1A	1A	2A, 4A, 5A
Contact Voltage	28VAC	28VAC	28VAC
Coil Voltage	5-26.5 VDC	5-26.5 VDC	5-26.5 VDC
Contact Resistance (Milli Ohm)	100 Before Life 200 After Life	100 Before Life 200 After Life	100 Before Life 200 After Life
Insulation Resistance (Meg Ohm) at 500VDC	10,000	10,000	10,000
Dielectric Strength Bet. Contacts	500 Vrms	500 Vrms	1000 Vrms
Dielectric Strength Bet. Contacts &Coil	500 Vrms	500 Vrms	1000 Vrms
Operate Time	2 mSec	2 mSec to 4 mSec	4 to 6 mSec
Release Time	1.5 mSec to 7.5 mSec	1.5 mSec to 7.5 mSec	4 to 5 mSec
Temperature Range	-65 to +125° C	-65 to +125° C	-65 to +125° C
Vibration	30 G's	30 G's	30 G's
Shock	75 G's	75 G's	100 G's
RF Performance	1.5 GHz	1.5 GHz	1.5 GHz
Life Mechanical	10 ⁶ op	10 ⁶ op	5x10 ⁷ op
Life Electrical	10 ⁵ op	10 ⁵ op	10 ⁵ op
Standards	MIL - R- 39016/ 9,11, 15, 16, 20, 21, JSS 50701 Style RYA 02/03	MIL - R- 39016/ 17, 18, 19, 41, 42, 43 JSS 50701 Style RYA 04/05	MIL - R-39016/ 6, 22, 44

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Automotive Relays

SERIES	17	20	22	51
Description	Miniature Switching Relay(Auto Relay)	Miniature Heavy Duty Relay	Automotive Relay	Miniature Power Relay
Contact Arrangement	1A 1B 1C	1A 1C	1A 1C	1A 1C
Contact Material	Silver Alloy	Silver Alloy	Silver Alloy	Silver Alloy
Contact Current Rating	6A 10A 20A (Form A Only)	NO 30A NC 20A	NO 40A NC 30A	10A
Contact Voltage	24VDC/230VAC	14VDC/240VAC	14VDC/240VAC	28VDC/120VAC
Coil Voltage	6-48 VDC	6-48 VDC	6-24 VDC	12-24 VDC
Contact Resistance Initial (Milli Ohm)	10	50	50	50
Insulation Resistance Initial (Meg Ohm) at 500VDC	100	100	100	100
Dielectric Strength Coil to Contact Across Contacts	1000 V rms 1000 V rms	- 1500 V rms	500 V rms -	1500 VAC 750 VAC
Operate Time (Milli Sec.)	8	10	7	6
Release Time (Milli Sec.)	4	10	5	1.5
Temperature Range (Degree Celcius)	-25 to +85	-55 to +85	-40 to +85	-40 to +70
Electrical Life (Operations)	10 ⁵	10 ⁵	10 ⁵	10 ⁵
Mechanical Life (Operations)	10 ⁷	10 ⁷	10 ⁷	10 ⁷
Dimensions L x B x H (mm)	22 x 18.7x 18	32.2 x 27.0 x 20.4	27 x 27 x 24.5	17.0 X 15.0 X 20.0
Mounting	PCB / Cover Optional	PCB	Quick Connect terminal	PCB

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Telecom Relays

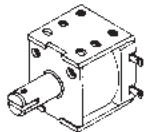
	27		31		41		42	
	Miniature Cradle Relay		Dual in line Telecom Relay		Ultra Miniature Polarised Relay		DIP/SIP Reed Relay	
	2C	4C			2C		1A 1C (DIP Version only)	
Series								
Description								
Contact Arrangement								
Contact Material	Silver with Gold onlay		Silver Alloy With Gold Onlay		Gold Clad Silver Alloy		Rhodium	
Contact Current Rating	0.25 A	3A	5A	1 A	2A	0.25 A		
Contact Voltage	100VDC/AC Max. 10w	100VDC/AC Max. 84w	250VDC/AC Max. 100w	220VDC/250VAC Max. 24W	30VDC	100VDC Max.10W(1A) 28VDC Max. 3W(1C)		
Coil Voltage (Volts)	1.0-120 VDC		5-48 VDC		4.5 - 12VDC		5-24 VDC	
Contact Resistance Initial (Milli Ohm)	50		50		100		200	
Insulation Resistance Initial (Meg Ohm) at 500 VDC	100		1000		1000		10 ⁵ (1A) & 10 ⁷ (1C) at 100 VDC	
Dielectric Strength Coil to Contact Across Contacts	500 V rms 500 V rms		1000 V rms 1000 V rms		2000 V rms 1000 V rms		1000 V rms 200 V DC	
Operate Time (Milli Sec.)	10		4		4		0.9 (1A) 1.0 (1C)	
Release Time (Milli Sec.)	10		3		4		0.35(1A) & 0.5 with diode 1.5 (1C)	
Temperature Range (Degree Celcius)	-10 to +65		-40 to +80		-40 to +85		-40 to +85	
Electrical Life (Operations)	2 x 10 ⁵ (0.25 A) 10 ⁵ (3A & 5A)		5 x 10 ⁵		10 ⁵		10 ⁶	
Mechanical Life (Operations)	5 x 10 ⁷		10 ⁷		10 ⁸		10 ⁸	
Dimensions L x B x H (mm)	2C-24.4 x 19 x 31 4C-30 x 19 x 31		20 x 9.9 x 10		15 x 7.40 x 9.20		DIP 19 x 7.9 x 7.6 SIP 19 x 7 x 8.6	
Mounting	Solder or PCB (Socket optional)		PCB		PCB		PCB	

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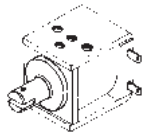


Industrial Relays

SERIES	18	19	76	79	87
Description	General Purpose Industrial Relay	Sub Miniature Printed Circuit Relay	Printed Circuit Relay	Miniature High Insulation Relay	High Current Miniature Relay
Contact Arrangement	1C 2C 3C	1C	2C 1C	2C 1C	1A1C 2C
Contact Material	Silver Alloy	Silver Alloy	Silver Alloy	Silver Alloy	Silver Alloy
Contact Current Rating	6A 10A	10A	2A 6A	5A 10A	16A 8A
Contact Voltage	24 VDC/250 VAC	28 VDC/240 VAC	24 VDC/ 230 VAC/ 24VDC/ 230 VAC	28 VDC/230 VAC	30 VDC/250 VAC
Coil Voltage	6-220 VDC/6-230 VAC	6-24 VDC	6-115 VDC	5-60 VDC	6-48 VDC
Contact Resistance Initial (Milli Ohm)	50	100	50	100	50
Insulation Resistance Initial (Meg Ohm)at 500VDC	100	100	1000	1000	1000
Dielectric Strength Coil to Contact Across Contacts	1500 V rms 1500 V rms	1500 V rms 1000 V rms	1000 V rms 500 V rms	4000 V rms 1000 V rms(2C) 750 V rms (1C)	4000 V rms 1000 V rms
Operate Time (Milli Sec.)	20	8	12	18	7
Release Time (Milli Sec.)	10	5	8	8	3
Temperature Range (Degree Celcius)	-25 to +55	-30 to +60	-40 to +65	-40 to +70	-20 to +70
Electrical Life (Operations)	10 ⁵	10 ⁵	10 ⁵	10 ⁵	10 ⁵
Mechanical Life (Operations)	10 ⁷	10 ⁷	10 ⁶	5 x 10 ⁶	10 ⁷
Dimensions L x B x H (mm)	Open Solder 31.5 X 28 X 40.2 PCB: 31.5 X 28 X 42.7	Enclosed Plug in 35 X 35 X 54.8 Enclosed Panel Mounting Solder: 35 X 31.9 X 49.2 PCB: 35 X 31.9 X 48.1	19 x 15.5 x15.5 26 x 12.7 x 26.5	29 x 12.7 x 24.8	29 x 12.7 x 15.7
Mounting	Solder or PCB Plug in Socket (optional)	Solder or PCB (Screw type Socket Optional)	PCB	PCB	PCB



NUMBER 2



NUMBER 2HD

NUMBER 2 AC OR DC

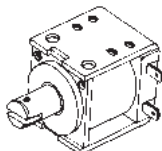
Box-frame solenoid. Insulation material Class "A" (110°C). Coil construction: Uni-Guard II molded bobbin and coil cover. Termination: 0.187" QC. Shipping weight 13 ounces. L=1.54", W=1.57", H=1.62".

Cat. No.	Ohms	Lifts and Strokes @ 25°C		Net Price
		(Minimum)	(Maximum)	
2-I-12D	5.8	125 oz. @ 1/16"	5 oz. @ 1"	\$18.12
2-C-12D	14.6	95 oz. @ 1/16"	1 oz. @ 1"	18.12
2-I-24D	22.6	125 oz. @ 1/16"	5 oz. @ 1"	18.12
2-C-24D	71	95 oz. @ 1/16"	1 oz. @ 1"	18.12
2-I-120A	45	54 oz. @ 1/8"	15 oz. @ 3/4"	21.33
2-C-120A	140	20 oz. @ 1/8"	6 oz. @ 3/4"	21.33

NUMBER 2HD AC OR DC

Heavy duty box-frame solenoid. Insulation material Class "A" (110°C). Coil construction: Uni-Guard II molded bobbin and coil cover. Termination: 0.187" QC. Shipping weight 15 ounces. L=1.70", W=1.57", H=1.68".

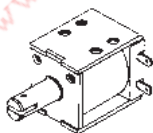
Cat. No.	Ohms	Lifts and Strokes @ 25°C		Net Price
		(Minimum)	(Maximum)	
2HD-I-12D	5.8	125 oz. @ 1/16"	5 oz. @ 1"	\$22.59
2HD-C-12D	18.1	100 oz. @ 1/16"	1 oz. @ 1"	22.59
2HD-I-24D	22.6	125 oz. @ 1/16"	5 oz. @ 1"	22.59
2HD-C-24D	71	100 oz. @ 1/16"	1 oz. @ 1"	22.59
2HD-I-120A	42	64 oz. @ 1/8"	20 oz. @ 3/4"	24.06
2HD-C-120A	101	26 oz. @ 1/8"	9 oz. @ 3/4"	24.06



NUMBER 3HD AC OR DC

Heavy duty box-frame solenoid. Insulation material Class "A" (110°C). Coil construction: Uni-Guard II molded bobbin and coil cover. Termination: 0.187" QC. Shipping weight 14 ounces. L=1.74", W=1.57", H=1.62".

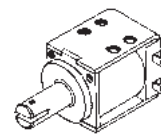
Cat. No.	Ohms	Lifts and Strokes @ 25°C		Net Price
		(Minimum)	(Maximum)	
3HD-I-12D	5.45	150 oz. @ 1/16"	5 oz. @ 1"	\$16.79
3HD-C-12D	16.7	115 oz. @ 1/16"	2 oz. @ 1"	16.79
3HD-I-24D	21.1	150 oz. @ 1/16"	5 oz. @ 1"	16.79
3HD-C-24D	65.8	115 oz. @ 1/16"	2 oz. @ 1"	16.79
3HD-I-120A	23	88 oz. @ 1/8"	8 oz. @ 1"	18.35
3HD-C-120A	100	26 oz. @ 1/8"	7 oz. @ 1"	38.85



NUMBER 4 AC OR DC

Box-Frame solenoid. Insulation material Class "A" (110°C). Coil construction: Uni-Guard II molded bobbin and coil cover. Termination: 0.187" QC. Shipping weight 16 ounces. L=1.98", W=1.57", H=1.62".

Cat. No.	Ohms	Lifts and Strokes @ 25°C		Net Price
		(Minimum)	(Maximum)	
4-I-12D	3.96	140 oz. @ 1/16"	20 oz. @ 1"	\$25.22
4-C-12D	15.8	100 oz. @ 1/16"	1 oz. @ 1"	25.22
4-I-24D	15.8	140 oz. @ 1/16"	20 oz. @ 1"	25.22
4-C-24D	61.3	100 oz. @ 1/16"	1 oz. @ 1"	25.22
4-I-120A	37	38 oz. @ 1/8"	46 oz. @ 1"	24.09
4-C-120A	133	10 oz. @ 1/8"	12 oz. @ 1"	24.09



NUMBER 4HD AC OR DC

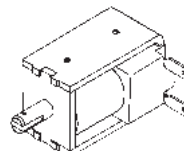
Heavy duty box-frame solenoid. Insulation material Class "A" (110°C). Coil construction: Uni-Guard II molded bobbin and coil cover. Termination: 0.187" QC. Shipping weight 18 ounces. L=2.17", W=1.57", H=1.62".

Cat. No.	Ohms	Lifts and Strokes @ 25°C		Net Price
		(Minimum)	(Maximum)	
4HD-I-12D	4.68	165 oz. @ 1/16"	20 oz. @ 1"	\$23.54
4HD-C-12D	14.8	125 oz. @ 1/16"	5 oz. @ 1"	23.54
4HD-I-24D	18.9	165 oz. @ 1/16"	20 oz. @ 1"	23.54
4HD-C-24D	57.5	125 oz. @ 1/16"	5 oz. @ 1"	23.54
4HD-I-110D	1200	165 oz. @ 1/16"	20 oz. @ 1"	23.54
4HD-C-110D	350	125 oz. @ 1/16"	5 oz. @ 1"	23.54
4HD-I-120A	19.3	70 oz. @ 1/8"	66 oz. @ 1"	31.74
4HD-C-120A	73	20 oz. @ 1/8"	24 oz. @ 1"	31.74

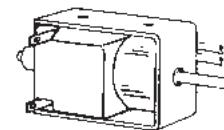
SPRING KITS FOR SOLENOIDS

Kit contains an assortment of springs and replacement plungers, ideal for all aspects of product design and development, as well as modification of manufacturing designs.

Cat. No.	For Model Solenoid:	Net Price
A490-367461-00	2DC	\$9.98
A490-367461-00	2HD DC	9.98
A490-367461-02	3HD DC	9.98
A490-367461-03	4DC	9.98
A490-367461-04	4HD DC	9.98
A490-367462-00	2AC	9.98
A490-367462-00	2HD AC	9.98
A490-367462-01	3HD AC	9.98
A490-367462-02	4AC	9.98
A490-367462-03	4HD AC	9.98



PULL TYPE



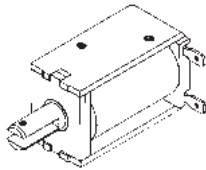
PUSH TYPE

NUMBER 11 AC OR DC

Box-frame solenoid. Insulation material Class "A" (110°C). Coil construction: Uni-Guard II molded bobbin and coil cover. Termination: 0.187" QC. Shipping weight 8 ounces. L=1.84", W=0.94", H=1.19".

Cat. No.	Ohms	Lifts and Strokes @ 25°C		Net Price
		(Minimum)	(Maximum)	
PULL TYPE				
11-I-6D	1.88	62 oz. @ 1/16"	5 oz. @ 1"	\$16.02
11-C-6D	4.69	35 oz. @ 1/16"	1 oz. @ 1"	16.02
11-I-12D	7.5	62 oz. @ 1/16"	5 oz. @ 1"	16.02
11-C-12D	18.4	35 oz. @ 1/16"	1 oz. @ 1"	16.02
11-I-24D	29.1	62 oz. @ 1/16"	5 oz. @ 1"	16.02
11-C-24D	93.1	35 oz. @ 1/16"	1 oz. @ 1"	16.02
11-I-24A	3.5	24 oz. @ 1/8"	8 oz. @ 1"	16.33
11-C-24A	9	13 oz. @ 1/8"	4 oz. @ 1"	16.32
11-I-120A	85	24 oz. @ 1/8"	8 oz. @ 1"	16.75
11-C-120A	225	13 oz. @ 1/8"	4 oz. @ 1"	16.75
PUSH TYPE				
11P-I-12D	1.88	62 oz. @ 1/16"	5 oz. @ 1"	17.37
11P-C-12D	4.69	35 oz. @ 1/16"	1 oz. @ 1"	17.37
11P-I-24D	7.5	62 oz. @ 1/16"	5 oz. @ 1"	17.37
11P-C-24D	18.4	35 oz. @ 1/16"	1 oz. @ 1"	17.37
11P-I-120A	85	24 oz. @ 1/8"	8 oz. @ 1"	24.09
11P-C-120A	225	13 oz. @ 1/8"	4 oz. @ 1"	24.09

NOTE: A = AC Volts; D = DC Volts; I = Intermittent Duty; C = Continuous Duty



NUMBER 11HD AC OR DC

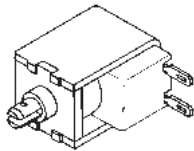
Heavy duty box-frame solenoid. Insulation material Class "A" (110°C). Coil construction: Uni-Guard II molded bobbin and coil cover. Termination: 0.187" QC. Shipping weight 12 ounces. L=2.00", W=0.94", H=1.25".

Cat. No.	Ohms	Lifts and Strokes @ 25°C		Net Price
		(Minimum)	(Maximum)	
11HD-I-12D	7.78	110 oz. @ 1/16"	5 oz. @ 1"	\$18.65
11HD-C-12D	19	70 oz. @ 1/16"	1 oz. @ 1"	18.65
11HD-I-24D	29.3	110 oz. @ 1/16"	5 oz. @ 1"	18.65
11HD-C-24D	76.3	70 oz. @ 1/16"	1 oz. @ 1"	18.65
11HD-I-120A	75	24 oz. @ 1/8"	7 oz. @ 1"	24.28
11HD-C-120A	165	12 oz. @ 1/8"	3 oz. @ 1"	24.27

SPRING KITS FOR SOLENOIDS

Kit contains an assortment of springs and replacement plungers, ideal for all aspects of product design and development, as well as modification of manufacturing designs.

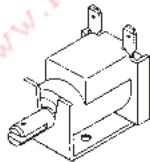
Cat. No.	For Model Solenoid:	Net Price
A490-367461-05	11 DC	9.98
A490-367461-06	11HD DC	9.98
A490-367461-07	22 DC	7.48
A490-367461-08	28 DC	9.98
A490-367462-08	23HD AC	9.98
A490-367461-10	11P	9.98
A490-367461-11	28P	9.98
A490-367462-04	11 AC	9.98
A490-367462-05	11HD AC	9.98
A490-367462-06	22 AC	7.48
A490-367462-07	28 AC	9.98
A490-367461-09	28HD AC	9.98



NUMBER 22 AC OR DC

Box-frame solenoid. Insulation material Class "A" (110°C). Coil construction: Uni-Guard II molded bobbin and coil cover. Termination: 0.187" QC. Shipping weight 6 ounces. L=1.13", W=0.75", H=0.75".

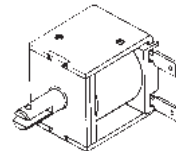
Cat. No.	Ohms	Lifts and Strokes @ 25°C		Net Price
		(Minimum)	(Maximum)	
22-I-12D	22.6	20 oz. @ 1/16"	1 oz. @ 1/2"	\$10.54
22-C-12D	45.7	13 oz. @ 1/16"	1 oz. @ 1/2"	10.54
22-I-24D	93.2	20 oz. @ 1/16"	1 oz. @ 1/2"	10.54
22-C-24D	182	13 oz. @ 1/16"	1 oz. @ 1/2"	10.54
22-I-120A	576	8 oz. @ 1/16"	2 oz. @ 1/2"	17.46
22-C-120A	970	7 oz. @ 1/16"	2 oz. @ 1/2"	17.46



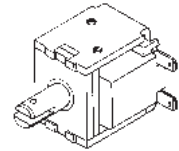
NUMBER 24 AC OR DC

Open frame solenoid. Insulation material Class "A" (110°C). Coil construction: Uni-Guard II molded bobbin and coil cover. Termination: 0.187" QC. Shipping weight 6 ounces. L=1.23", W=0.91", H=1.11".

Cat. No.	Ohms	Lifts and Strokes @ 25°C		Net Price
		(Minimum)	(Maximum)	
24-I-12D	13.8	22 oz. @ 1/16"	1 oz. @ 1/2"	\$15.84
24-C-12D	35.5	15 oz. @ 1/16"	1 oz. @ 1/2"	15.84
24-I-24D	53.9	22 oz. @ 1/16"	1 oz. @ 1/2"	15.84
24-C-24D	137	15 oz. @ 1/16"	1 oz. @ 1/2"	15.84
24-I-120A	310	18 oz. @ 1/16"	2 oz. @ 1/2"	18.01
24-C-120A	500	10 oz. @ 1/16"	2 oz. @ 1/2"	18.01



NUMBER 28



NUMBER 28HD

NUMBER 28 AC OR DC

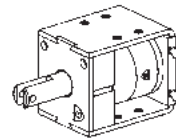
Box-frame solenoid. Insulation material Class "A" (110°C). Coil construction: Uni-Guard II molded bobbin and coil cover. Termination: 0.187" QC. Shipping weight 9 ounces. L=1.13", W=0.94", H=1.19".

Cat. No.	Ohms	Lifts and Strokes @ 25°C		Net Price
		(Minimum)	(Maximum)	
PULL TYPE				
28-I-12D	11.9	32 oz. @ 1/16"	2 oz. @ 1/2"	\$12.73
28-C-12D	29.8	25 oz. @ 1/16"	1 oz. @ 1/2"	12.73
28-I-24D	47.4	32 oz. @ 1/16"	2 oz. @ 1/2"	12.73
28-C-24D	116	25 oz. @ 1/16"	1 oz. @ 1/2"	12.73
28-I-120A	220	18 oz. @ 1/8"	5 oz. @ 1/2"	17.06
28-C-120A	410	11 oz. @ 1/8"	5 oz. @ 1/2"	17.06
PUSH TYPE				
28P-I-12D	11.9	32 oz. @ 1/16"	2 oz. @ 1/2"	15.37
28P-C-12D	29.8	25 oz. @ 1/16"	1 oz. @ 1/2"	15.37
28P-I-24D	47.4	32 oz. @ 1/16"	2 oz. @ 1/2"	15.37
28P-C-24D	116	25 oz. @ 1/16"	1 oz. @ 1/2"	15.37
28P-I-120A	220	18 oz. @ 1/8"	5 oz. @ 1/2"	21.11
28P-C-120A	410	11 oz. @ 1/8"	5 oz. @ 1/2"	21.11

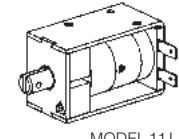
NUMBER 28HD AC OR DC

Heavy duty box-frame solenoid. Insulation material Class "A" (110°C). Coil construction: Uni-Guard II molded bobbin and coil cover. Termination: 0.187" QC. Shipping weight 14 ounces. L=1.23", W=0.94", H=1.25".

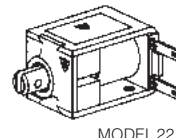
Cat. No.	Ohms	Lifts and Strokes @ 25°C		Net Price
		(Minimum)	(Maximum)	
28HD-I-12D	12.2	75 oz. @ 1/16"	5 oz. @ 1/2"	\$21.30
28HD-C-12D	30.1	30 oz. @ 1/16"	1 oz. @ 1/2"	21.30
28HD-I-24D	49	75 oz. @ 1/16"	5 oz. @ 1/2"	21.30
28HD-C-24D	119	30 oz. @ 1/16"	1 oz. @ 1/2"	21.30
28HD-I-120A	173	24 oz. @ 1/8"	5 oz. @ 1/2"	20.63
28HD-C-120A	375	12 oz. @ 1/8"	5 oz. @ 1/2"	20.63



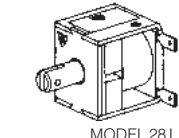
MODEL 4 L



MODEL 11 L



MODEL 22 L



MODEL 28 L

MAGNETIC LATCHING SOLENOIDS

Magnetic latching solenoid hold plunger in seated position without requiring constant power. Insulation material Class "A" (110°C). Coil construction: Uni-Guard II molded bobbin and coil cover. **MODEL 4L:** L=1.98", W=1.44", H=1.62". **MODEL 11L:** L=1.84", W=0.94", H=1.19". **MODEL 22L:** L=1.13", W=0.75", H=0.75". **MODEL 28L:** L=1.13", W=0.94", H=1.19".

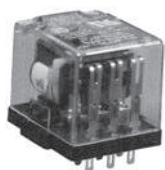
Cat. No.	Ohms	Lifts and Strokes @ 25°C		Net Price
		(Minimum)	(Maximum)	
4L-C-6D	6.4	100 oz. @ 1/16"	1 oz. @ 1"	\$58.21
4L-C-12D	25.5	100 oz. @ 1/16"	1 oz. @ 1"	58.21
4L-C-24D	102	100 oz. @ 1/16"	1 oz. @ 1"	58.21
11L-C-6D	9.1	35 oz. @ 1/16"	1 oz. @ 1"	40.53
11L-C-12D	36.5	35 oz. @ 1/16"	1 oz. @ 1"	40.53
11L-C-24D	146	35 oz. @ 1/16"	1 oz. @ 1"	40.53
22L-C-6D	7.5	24 oz. @ 1/16"	8 oz. @ 1/2"	40.53
22L-C-12D	30	24 oz. @ 1/16"	4 oz. @ 1/2"	40.53
22L-C-24D	120	24 oz. @ 1/16"	8 oz. @ 1/2"	40.53
28L-C-6D	6	45 oz. @ 1/16"	4 oz. @ 1/2"	40.53
28L-C-12D	24	45 oz. @ 1/16"	8 oz. @ 1/2"	40.53
28L-C-24D	96	45 oz. @ 1/16"	4 oz. @ 1/2"	40.53

NOTE: A = AC Volts; D = DC Volts; I = Intermittent Duty; C = Continuous Duty

SPRING KITS FOR SOLENOIDS

Kit contains an assortment of springs and replacement plungers, ideal for all aspects of product design and development, as well as modification of manufacturing designs.

Cat. No.	For Model Solenoid:	Net Price
A490-367460-08	T3.5X9	\$7.48
A490-367460-07	T4X7	7.48
A490-367460-06	T4X12	7.48
A490-367460-05	T4X16	7.48
A490-367460-04	T6X12	9.98
A490-367460-03	T8X9	11.22
A490-367460-02	T8X16	13.09
A490-367460-01	T12X13	15.59
A490-367460-00	T12X19	15.59
A490-367460-26	LT3.5X9	7.48
A490-367460-25	LT4X7	7.48
A490-367460-24	LT4X12	7.48
A490-367460-23	LT4X16	7.48
A490-367460-22	LT6X12	9.98
A490-367460-21	LT8X9	11.22
A490-367460-20	LT8X16	13.09
A490-367460-19	LT12X13	15.59
A490-367460-18	LT12X19	15.59
A490-367460-17	TP3.5X9	7.48
A490-367460-16	TP4X7	7.48
A490-367460-15	TP4X12	7.48
A490-367460-14	TP4X16	7.48
A490-367460-13	TP6X12	9.98
A490-367460-12	TP8X9	11.22
A490-367460-11	TP8X16	13.09
A490-367460-10	TP12X13	15.59
A490-367460-09	TP12X19	15.59



RELAYS

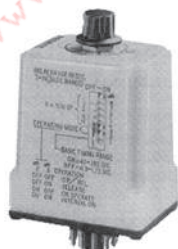


SOCKETS

10 AMP ENCLOSED RELAYS SERIES 1220/1225

Contacts are rated for 10 amps at 120VAC non-inductive. 2 or 3 PDT switch capacity. Contacts are fine silver/gold flash.

Cat. No.	Coil Voltage	Coil Resistance	Contact Combination	Net Price
AC VOLTS				
1220-2C-24A	24VAC	54	DPDT	\$38.18
1220-3C-24A	24VAC	54	3PDT	50.11
1220-2C-120A	120VAC	1110	DPDT	41.50
1220-3C-120A	120VAC	1110	3PDT	53.31
1220-2C-240A	240VAC	5000	DPDT	42.15
1220-3C-240A	240VAC	5000	3PDT	54.09
DC VOLTS				
1225-2C-12D	12VDC	75	DPDT	47.02
1225-3C-12D	12VDC	75	3PDT	59.25
1225-2C-24D	24VDC	300	DPDT	47.97
1225-3C-24D	24VDC	300	3PDT	59.90
1225-2C-110D	110VDC	6500	DPDT	51.47
1225-3C-110D	110VDC	6500	3PDT	63.35



TIME DELAY RELAY PET 1481-B

Drop-in replacement for PET 1481 and PET 1481-A. Standard 11 pin base. Overall height of 4.0".

Cat. No.	Description	Net Price
PET1481-B	Time delay relay (field programmable).	\$175.52



1310



1390

SOCKETS FOR RELAY SERIES 1310/1315/1390

Cat. No.	Description	Net Price
1310/1390HDC	For models 1310 or 1390	\$6.60
1390H-2PC	For model 1390H	2.06
1310-IST	Solder lug base	2.18
1310H-2PC	Printed circuit base fp	2.50

ENCLOSED RELAYS

Contacts are rated for 10 amps at 120VAC non-inductive. 2 or 3 PDT switch capacity. Contacts are fine silver/gold flash.

Cat. No.	Coil Voltage	Coil Resistance	Contact Combination	Net Price
1360PC-2C-120A	120VAC	3500	DPDT	\$65.49
1365PC-2C-12D	12VDC	150	DPDT	50.58
1365PC-2C-24D	24VDC	600	DPDT	50.58
1310H-4C-12A	12VAC	45	4PDT	6.91
1310H-4C-24A	24VAC	170	4PDT	6.91
1310H-4C-120A	120VAC	4500	4PDT	6.91
1310HP-4C-12A	12VAC	45	4PDT	6.91
1310HP-4C-24A	24VAC	170	4PDT	6.91
1310HP-4C-120A	120VAC	4500	4PDT	6.91
1315H-4C-12D	12VDC	160	4PDT	6.58
1315H-4C-24D	24VDC	650	4PDT	6.58
1315H-4C-110D	110VDC	11000	4PDT	6.57
1315HP-4C-12D	12VDC	160	4PDT	6.58
1315HP-4C-24D	24VDC	650	4PDT	6.58
1390H-2C-12A	12VAC	41	DPDT	6.10
1390H-2C-24A	24VAC	180	DPDT	6.10
1390H-2C-120A	120VAC	4500	DPDT	6.10
1390HP-2C-24A	24VAC	180	DPDT	6.10
1390HP-2C-120A	120VAC	4500	DPDT	6.10
1390JPVS-2C-12A	12VAC	41	DPDT	7.08
1390JPVS-2C-24A	24VAC	180	DPDT	7.08
1390JPVS-2C-120A	120VAC	4500	DPDT	7.08
1395H-2C-12D	12VDC	160	DPDT	5.79
1395H-2C-24D	24VDC	650	DPDT	5.79
1395H-2C-110D	110VDC	12000	DPDT	5.79
1395HP-2C-12D	12VDC	160	DPDT	5.79
1395HP-2C-24D	24VDC	650	DPDT	5.79
1395HP-2C-110D	110VDC	12000	DPDT	5.79
1395JPVS-2C-12D	12VDC	160	DPDT	6.77
1395JPVS-2C-24D	24VDC	650	DPDT	6.77
1495ES-2C-5D	5VDC	36	DPDT	3.82
1495ES-2C-6D	5VDC	70	DPDT	3.82
1495ES-2C-12D	12VDC	280	DPDT	3.82
1495ES-2C-24D	24VDC	1050	DPDT	3.82
1505HS-1C-12D	12VDC	400	SPDT	2.21
1505HS-1C-24D	24VDC	1600	SPDT	2.21
1655HS-1C-6D	6VDC	68	SPDT	6.23
1655HS-1C-12D	12VDC	275	SPDT	6.23
1655HS-1C-24D	24VDC	1100	SPDT	6.24
1665HS-2C-6D	6VDC	68	DPDT	7.12
1665HS-2C-12D	12VDC	275	DPDT	7.12
1665HS-2C-24D	24VDC	1100	DPDT	7.12
1715HS-1C-6D	6VDC	80	SPDT	3.68
1715HS-1C-12D	12VDC	320	SPDT	3.68
1715HS-1C-24D	24VDC	1150	SPDT	3.68
1726HS-1C-6D	6VDC	100	SPDT	3.56
1726HS-1C-12D	12VDC	400	SPDT	3.56
1726HS-1C-24D	24VDC	1600	SPDT	3.56

NOTE: A = AC Volts; D = DC Volts; I = Intermittent Duty; C = Continuous Duty

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Реле, твердотельное, Guardian , модуль, каталог, описание, технические, характеристики, datasheet, параметры, маркировка, габариты, фото, даташит, *solid state relay*

The image shows a product catalog for Crydom solid state relays. It features a grid of product photos with labels: Panel Mount, DIN Rail Mount, PCB Mount, Plug In, Solid State Relay Timers, SSR Accessories, SSR Heat Sink Assemblies, Control Relays, Power Modules, Custom Products, S-2 and S-2T Series, S-4 and S-4T Series, F-16 Series, S Series, M10 (Din) Series, and M12 Series. A central logo for 'Беларусь Минск' includes the website www.fotorele.net, www.tiristor.by, and phone number +375 29 758 47 80. A QR code is labeled 'QR код'. The Crydom logo is at the bottom left, and the text 'SSR DIN PCB НА ПАНЕЛЬ ПЛАТУ' is at the bottom left. A descriptive paragraph in Russian is located at the bottom right of the catalog area.

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