

Panel Mount Solid State Relays

SSC SERIES: SOLID STATE DC CONTACTOR (25 AMP, 0-1000 VDC, DC OUTPUT)

Features/Specifications

- ▶ Control voltage : 12, 24, 36 VDC.
- ▶ IGBT Output, High voltage.
- ▶ Switching voltage mode : DC.
- ▶ Min. Load current : 2mA.
- ▶ Min. Turn off voltage : 1 VDC.
- ▶ Load current max. (ADC) : 25



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Series SSC solid state DC contactors feature IGBT technology for high voltage DC switching applications. All models come in crydom's standard panel-mount package.

Number	Price ฿	Mfr's	Line Voltage Range (VDC)	Control Voltage Range (VDC)
5D58 2512	---	SSC800-25-12	0-800	8-16
5D58 2524	---	SSC800-25-24	0-800	20-28
5D58 2525	---	SSC1000-25-24	0-1000	20-28

DC Output Relays

DC output relays feature MOSFET technology for low on-state resistance, assuring easy paralleling and switching capabilities to 40 A at 100 VDC.

Lower current models are also available to 500 VDC. All models come in Crydom's standard panel-mount package. Operating Temperature Range is from -40°C to 80°C.

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Features

- ▶ DC Output, low on-state resistance.
- ▶ Paralleling capability for higher currents.
- ▶ UL Approved on 100 V models only.
- ▶ Optically isolate.



Number	Price ฿	Mfr's	Line Voltage Range (VDC)	Current Range (Amps) @ 40°C	Control Voltage Range (VDC)
68K1 0733	---	D1D07L	0-100	0-7	3.5-32
68K1 0734	---	D1D12L	0-100	0-12	3.5-32
68K1 0735	---	D1D20L	0-100	0-20	3.5-32
68K1 0736	---	D1D40L	0-100	0-40	3.5-32
68K1 0737	---	D2D07L	0-200	0-7	3.5-32
68K1 0738	---	D2D12L	0-200	0-12	3.5-32
68K1 0739	---	D2D40L	0-200	0-40	3.5-32
68K1 0740	---	D4D07L	0-400	0-7	3.5-32
68K1 0741	---	D4D12L	0-400	0-12	3.5-32
68K1 0742	---	D5D07L	0-500	0-7	3.5-32
68K1 0743	---	D5D10L	0-500	0-10	3.5-32

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D06D SERIES PANEL MOUNT SSR'S (0-60 VDC DC OUTPUT)

Features/Specifications

- ▶ Mosfet Output.
- ▶ Low on-State resistance.
- ▶ High current ratings.
- ▶ Switching voltage mode : DC.
- ▶ Min. Load current : 5mA,
- ▶ Min. Turn off voltage : 1 VDC.
- ▶ Control voltage : 3.5-32 VDC.



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DC Output relays feature MOSFET technology for low on-state resistance, assuring easy paralleling and switching capabilities to 100 amps at 60 Vdc. Lower current models are also available to 500 Vdc.

Number	Price ฿	Mfr's	Line Voltage Range (VDC)	Control Voltage Range (VDC)
5D58 0675	---	D06D60	0-60	60
5D58 0676	---	D06D80	0-60	80
5D58 0677	---	D06D100	0-60	100

PCV SERIES ANALOG INPUT POWER CONTROLLER (15-90 AMP, 120/240, 480VAC, AC OUTPUT)

Features/Specifications

- ▶ Internal snubber.
- ▶ Industry standart package.
- ▶ Control circuit requires no adjustment or calibration.
- ▶ Operates at 60Hz and 50 Hz.
- ▶ Isolation voltage : 2500Vrms,
- ▶ Must release voltage : 1 VDC.
- ▶ Control current : 4mA@ 5VDC.
- ▶ Operating temperature : -30° C to 80° C.



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Number	Price ฿	Mfr's	Line Voltage (VAC)	Load Current (VAC)	Control Voltage (VAC)
5F81 2415	---	10PCV2415	100-240	.15-15	2-10
5F81 2425	---	10PCV2425	100-240	.15-25	2-10

H12 SERIES (28-90 AMP, 40 VAC, AC OUTPUT)

Features/Specifications

- ▶ 1200 Volt blocking, SCR Output.
- ▶ Up to 660 VAC.
- ▶ Isolation voltage : 4000Vrms.
- ▶ Must release voltage : 1 VDC.
- ▶ Operating temperature : -30° C to 80° C.
- ▶ Control current : 15mA@ 5VDC.
- ▶ Control voltage : 4-32 VDC.



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Number	Price ฿	Mfr's	Line Voltage (VAC)	Load Current (Arms)
5H58 1200	---	H12WD4850	48-660	.04-50
5H58 1201	---	H12WD4890	48-660	.04-90