CHPV 시리즈 1500VDC - DC Contactor - 상품코드 : 086000046



*1500VDC
*20A~350A High Voltage Direct Current Relay
*1 Form A contact arrangement
*Designed to meet cUL,TUV requirements

제품 상세 정보 (Product Features)

Part Name: CHPV
Contact Arrangement:1 Form A
Contact Load: 20A~350A High Voltage
Coil Power: 2.6W~6W

"추가제품옵션"을 통해서 "샘플&견적요청"가능합니다.

※ 유의사항

상기 제품에 첨부된 데이터시트는 참고용입니다.
자세한 데이터시트를 원하실 때에는 당사에 문의 바랍니다.

기술데이터

TEL: 02 - 716 - 6737~8 FAX: 02 - 701 - 8424 E - mail: webmaster@dongyangele.co.kr www.dongyangele.co.kr

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Drawing

CONTACT DATA

Product Model / Data	CHPV-S20	CHPV-S40	CHPV-S150	CHPV-S250B	CHPV-S250	CHPV-S350/S350B/S350C/S350D
Main Contact Arrangement	1 Form A					
Aux. Contact Arrangement	/				1 Form A	
Rated Load of Aux.	/	/	/	/	6VDC, 0.1A	6VDC, 0.1A
Minimum Load of Aux.	/	/	/	/	9VDC 100mA	9VDC 100mA
Initial Contact Voltage Drop	≤90 mV at 20 A	≤120mV at 40 A	≤75mV at 150 A	≤50mV at 250 A	≤50mV at 250 A	≤6mV at 20 A
Rated Current (resistive load)	20 A (@4mm^2)	40 A (@10mm^2)	150 A (@50mm^2)	250 A (@100mm^2)	250 A (@100mm^2)	350 A (@120mm^2)
Rated Switching Voltage	1500VDC					
Min.Applicable Load	6VDC, 1 A					
Max. Switching Power (1500VDC)	30kW	60kW	225KW	375KW	375KW	525KW
Max. Breaking Current	200A (1000VDC)	400A (300VDC)	1200A (300VDC)	2000A (1000VDC)	2000A (1000VDC)	2000A (1500VDC)

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CHARACTERISTICS

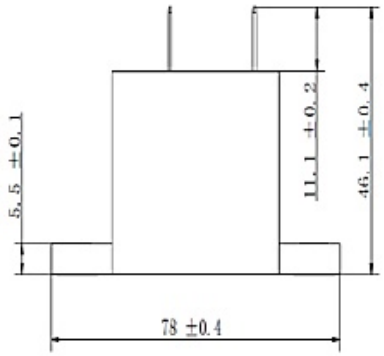
Operate Time(at nominal voltage)		CHPV-S20/S40≤15ms; CHPV-S150≤30ms; CHPV-S250/S250B/S350/S350B/S350C/S350D≤50ms
Release Time(at nominal voltage)		CHPV-S20/S40≤5ms; CHPV-S150≤10ms CHPV-S250/S250B/S350/S350B/S350C/S350D≤15ms
Insulation Resistance		> 1000 MΩ (at 1000 VDC)
Dielectric Strength	Between Coil and Contacts	4,000 VAC, 50/60 Hz (1min)
	Between Open Contacts	3,000 VAC, 50/60 Hz (1min)
Vibration		10Hz～500Hz, 49 m/s^2
Shock Resistance	Functional	196 m/s^2
	Destructive	490 m/s^2
Ambient temperature		-40℃~85℃
Humidity		5%RH to 85%RH
Weight		CHPV-S20/S40: about 160g; CHPV-S150: about 300g; CHPV-S250B: about 570g; CHPV-S250: about 900g; CHPV-S350/350B/350C/350D: about 950g

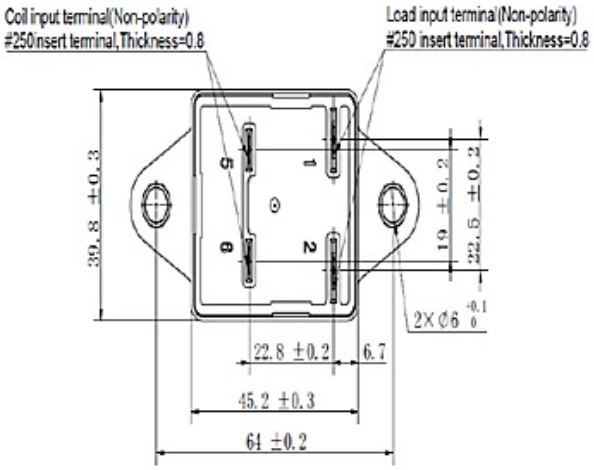
Characteristics

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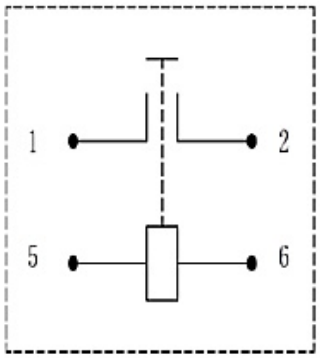
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CHPV-S20 OUTLINE DIMENSION





CHPV-S20 WIRING DIAGRAM



Note: No polarity on the load and coil

Dimension

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COIL DATA @ 23℃

Product Model	Nominal Voltage (VDC)	Coil Power (W)	Nominal Current (A)	Coil Resistance (Ω±10%)	Pick-up Voltage (VDC)	Drop-out Voltage (VDC)
CHPV-S20	12	2.6	0.22	55.4	9.0 Max.	1 Min.
	24	2.6	0.11	221.6	18.0 Max.	2 Min.
CHPV-S40	12	2.6	0.22	55.4	9.0 Max.	1 Min.
	24	2.6	0.11	221.6	18.0 Max.	2 Min.
CHPV-S150	12	5.5	0.46	26.2	9.0 Max.	1 Min.
	24	5.5	0.23	104.8	18.0 Max.	2 Min.
CHPV-S250B	12	6	0.50	24	9.0 Max.	1 Min.
	24	6	0.25	96	18.0 Max.	2 Min.
CHPV-S250	12	Driving 55 Holding 6	Driving 4.6, Holding 0.5	Driving 2.6, Holding 24	9.0 Max.	1 Min.
	24		Driving 2.3, Holding 0.25	Driving 10.4, Holding 96	18.0 Max.	2 Min.
CHPV-S350	12	Driving 55 Holding 6	Driving 4.6, Holding 0.5	Driving 2.6, Holding 24	9.0 Max.	1 Min.
	24		Driving 2.3, Holding 0.25	Driving 10.4, Holding 96	18.0 Max.	2 Min.
CHPV-S350B	12	Driving 55 Holding 6	Driving 4.6, Holding 0.5	Driving 2.6, Holding 24	9.0 Max.	1 Min.
	24		Driving 2.3, Holding 0.25	Driving 10.4, Holding 96	18.0 Max.	2 Min.
CHPV-S350C	12	Driving 55 Holding 6	Driving 4.6, Holding 0.5	Driving 2.6, Holding 24	9.0 Max.	1 Min.
	24		Driving 2.3, Holding 0.25	Driving 10.4, Holding 96	18.0 Max.	2 Min.
CHPV-S350D	12	Driving 55 Holding 6	Driving 4.6, Holding 0.5	Driving 2.6, Holding 24	9.0 Max.	1 Min.
	24		Driving 2.3, Holding 0.25	Driving 10.4, Holding 96	18.0 Max.	2 Min.

Coil data

Technical Data	
Dielectric Strength	4,000VAC 50/60Hz 1min
Insulation Resistance	＞1000 MΩ (at 1000 VDC)
Temperature Range	- 40℃ ~ +85℃
Coil Power	2.6W~6W
Contact Load	20A~350A High Voltage
Contact Arrangement	1 Form A

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