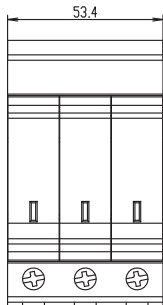
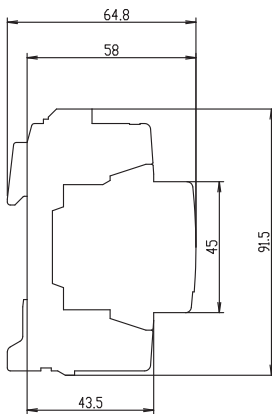


# OVR PV DIN Rail SPD

## OVRPV401000PU

### UL 1449 3rd Edition



#### Electrical Characteristics

Type of networks		Photovoltaic - DC side
Number of poles / Type of current		3 / DC
Type / Test class		UL 1449 3rd Ed. - Type 1 IEC 61 643-11 - T2 / II
Maximum continuous operating voltage ( $U_{SPV}$ )	V	1000
Voltage protection level ( $U_{res}$ @ 3kA/5kA/10kA; L+/G, L-/G, L+/L-)	kV	3.4 / 3.6 / 4.0
Voltage protection rating VPR (L+/G, L-/G, L+/L-)	kV	4.0 / 4.0 / 4.0
Nominal discharge current ( $I_n$ @ 8/20)	kA	10
Maximum discharge current ( $I_{max}$ @ 8/20)	kA	40
Follow current interrupt rating ( $I_f$ )	A	None
Response time	ns	< 25
Ground residual current ( $I_{gr}$ )	$\mu$ A	< 50
Short circuit withstand ( $I_{scSPV}$ )	kA	10
Integrated thermal disconnect		Yes
State indicator		Yes
Safety reserve		No
Remote indicator		No
Overcurrent protection $\text{\textcircled{O}}$		
Circuit breaker - B or C curve	A	Not required
Class J fuse	A	Not required
$\text{\textcircled{O}}$ UL approved without overcurrent protection. If continuity of service is preferred, a 10A $g_{PV}$ fuse is recommended.		

#### Mechanical Characteristics

Wire range - solid wire	AWG	4-14
Wire range - stranded wire	AWG	6-14
Stripping length	in	0.5
Tightening torque	in-lbs	24.5

#### Remote Indicator

Type of contact		-
Minimum load		-
Maximum load		-
Connection cross section	AWG	-

#### Miscellaneous Characteristics

Degree of protection		NEMA 1 / IP 20
Operating temperature	F	-40° to 176°
Maximum relative humidity	%	93
Maximum altitude	ft	6562
Weight	lb	0.75
Color of housing / Fire resistance according to UL 94		Gray RAL 7035 / V-0
Reference standards		UL 1449 3rd Ed / IEC 61 643-11 / UTE C 61-740-51

#### Replacement Cartridges

Phase		OVRPV401000CU
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# Contact Us

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