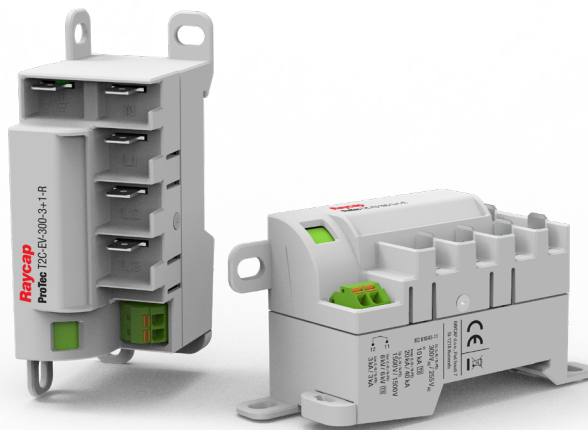


Compact Multi-Pole SPD with leads for use in EV Chargers. Enables fast installation, due to the pre-assembled wires and push-in remote contact.

Network system: TT, TN-S
Mode of protection: L-N, N-PE

**IEC Electrical**

Nominal AC Voltage (50/60 Hz) [U_0]	240V
Maximum Continuous Operating Voltage (AC) [U_c]	(L-N/N-PE) 300V/255V
Nominal Discharge Current (8/20 μ s) [I_n]	10kA
Maximum Discharge Current (8/20 μ s) [I_{max}]	(L-N/N-PE) 20kA/40kA
Voltage Protection Level [U_p]	(L-N/N-PE) 1500V/1500V
Open Circuit Voltage of Combination Wave Generator (1.2/50 μ s) [U_{oc}]	(L-N/N-PE) 6kV/6kV
Short Circuit Current of Combination Wave Generator [I_{cw}]	(L-N/N-PE) 3kA/3kA
Follow Current Interrupt Rating	(N-PE) 100 A
Response time [t_A]	(L-N/N-PE) < 25 ns / < 100 ns
Overcurrent Protection (max)	63A gG
Short-Circuit Current Rating [I_{scrr}]	10kA
TOV Withstand 5 s [U_T]	(L-N) 337V
TOV Safe Fail 120 min [U_T]	(L-N) 442V
TOV 200ms [U_T]	(N-PE) 1200V/300 A
Number of ports	1

Mechanical & Environmental

Temperature Range [T_a]	-40 °C to +85 °C
Permissible Humidity [RH]	5%...95%
Altitude (max)	2000m
Conductor Cross Section (max)	6 mm ²
Mounting	35 mm DIN Rail, EN 60715 / Baseplate Screw-in Mounting
Degree of Protection	IP 20 (built-in)
Thermal Protection	Yes
Fault Indication	Red Flag
Remote Contacts (RC)	Optional
RC Switching Capacity	AC: 250V/1A, 125V/1A; DC: 48V/0.5A, 24V/0.5A, 12V/0.5A
RC Conductor Cross Section (max)	16 AWG (Solid) / 1.5 mm ² (Solid)

Standards & Compliance

IEC 61643-11:2011, EN 61643-11:2012+A1:2014

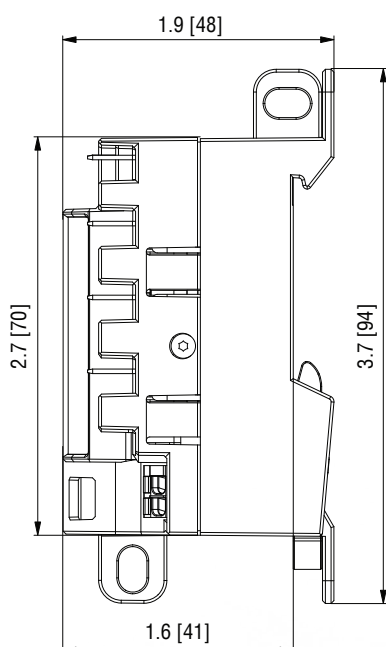
Order Code

ProTec T2C-EV-300-3+1-R (with remote contacts) 515 753

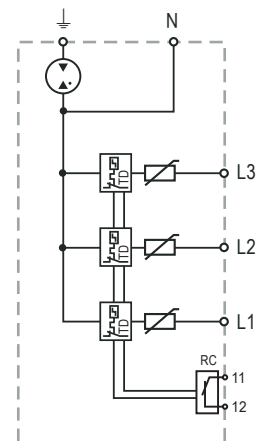
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Dimensions inches [mm]



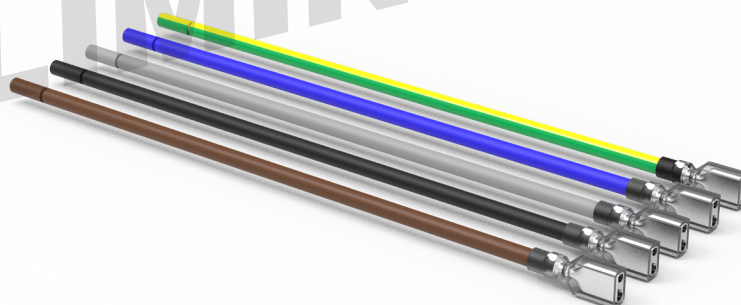
Internal Configuration



Legend

- L Line Conductor Terminal
- PE/G Conductor Terminal
- RC Remote Contacts Terminal (Optional)
- TD Thermal Disconnect

Cable set with insulated fast-on connector to use with compact Multi-Pole SPD ProTec T2C-EV Series.



Technical Data

Length	20 cm
Conductor Cross Section	6 mm ²

Order Code

Cable set (with insulated fast-on connector)	515 756
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Dimensions inches [mm]

