

**DATASHEET****Combined Lightning Current and Surge Arrester****ProTec 60 RX T2 3+0****Class II • Type 2**

Location of Use: Main Distribution Boards,  
Standard and isolated 60 mm  
busbar systems

Network Systems: TN-C  
Mode of Protection: L-PEN

IEC/EN: Class II/Type 2

Housing: Pluggable design

Compliance: IEC 61643-11:2025  
EN IEC 61643-11:2025

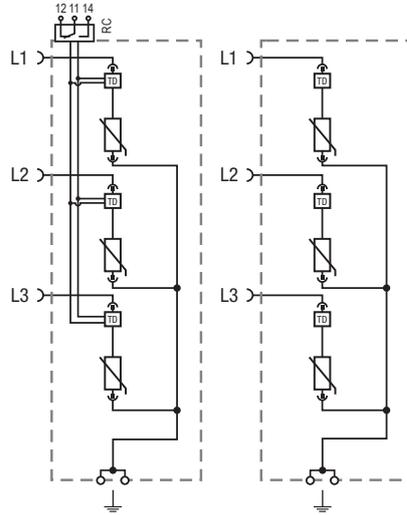
**Technical Data****ProTec 60 RX T2-xxx-3+0(-R)****300****IEC Electrical**

Nominal AC Voltage (50/60Hz)	$U_o/U_n$	240 V
Maximum Continuous Operating Voltage (AC)	$U_c$	300 V
Nominal Discharge Current (8/20 $\mu$ s)	$I_n$	20 kA
Maximum Discharge Current (8/20 $\mu$ s)	$I_{max}$	50 kA
Voltage Protection Level	$U_p$	1500 V
Response Time	$t_A$	< 25 ns
Overvoltage Category		IV
Overcurrent Protection (max)		315 A gG
Short-Circuit Current Rating (AC)	$I_{SCCR}$	25 kA
TOV Withstand 5s	$U_T$	337 V
TOV SafeFail 120min	$U_T$	442 V
Number of Ports		1

**Mechanical & Environmental**

Operating Temperature Range	$T_a$	-40 °F to +185 °F [-40 °C to +85 °C]
Permissible Operating Humidity	RH	5%...95%
Pollution Degree		3
Altitude (max)		13123 ft [4000m]
Terminal Screw Torque	$M_{max}$	PZ2/40 lbf-in [4.5Nm]
Conductor Cross Section (max)		2 AWG (Solid, Stranded)/4 AWG (Flexible) 35 mm <sup>2</sup> (Solid, Stranded)/25 mm <sup>2</sup> (Flexible)
Mounting		Standard and isolated 60 mm busbar systems Width: 12, 15, 20, 25, 30 mm Thickness: 5 mm, 10 mm
Degree Of Protection		IP 20*
Housing Material		Thermoplastic: Extinguishing Degree UL 94 V-0
Operating State/Fault Indication		Green Flag/Not Green Flag
Remote Contacts (RC)		Optional
RC Switching Capacity		AC: 250V/1 A, 125V/1 A; DC: 48V/0.5 A, 24V/0.5 A, 12V/0.5 A
RC Conductor Cross Section (max)		16 AWG (Solid)/1.5 mm <sup>2</sup> (Solid)
Overvoltage Category		III

\*IP 40 (in combination with cover)



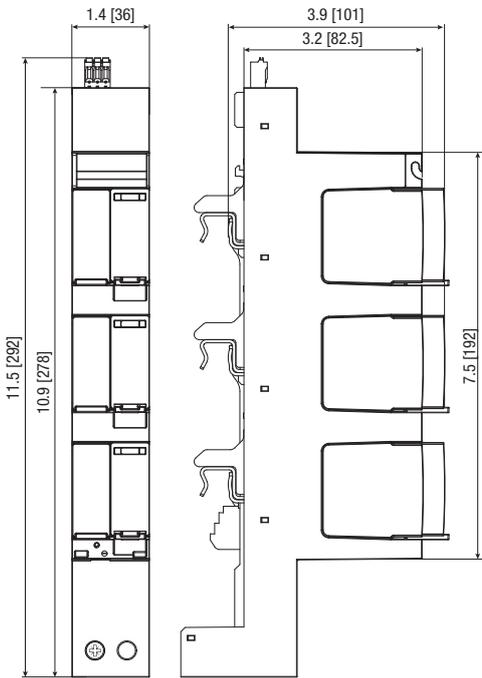
**Legend**

- L Line Busbar Terminal
- ⏚ PEN Conductor Terminal
- RC Remote Contacts Terminal (Optional)
- TD Thermal Disconnecter

**Order Information**

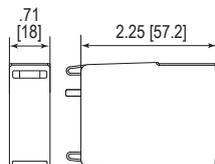
Order Code	<b>300</b>
ProTec 60 RX T2-xxx-3+0	515 B01
ProTec 60 RX T2-xxx-3+0-R (with remote contacts)	515 B02
ProTec 60 RX T2-xxx-P (plug)	59.D105
ProAcc 60 RX Cover plate (optional)	515 B21

**Dimensions & Packaging**



Complete Unit	
<b>ProTec RX 60 T2-xxx-3+0</b>	<b>300</b>
Weight	pounds [grams] 1.321 [599]
<b>ProTec RX 60 T2-xxx-3+0-R</b>	
Weight	pounds [grams] 1.576 [715]
Packaging Dimensions (HxWxL)	15.5 x 14.3 x 9.9" [395 x 363 x 253 mm]
Standard Order Quantity	20 Units

**Spare Plug**



Single Unit	
<b>ProTec 60 RX T2-xxx-P</b>	<b>300</b>
Weight	pounds [grams] .130 [59]
DIN 43880 Dimension	1 TE / .71" [18 mm]
Packaging Dimensions (HxWxL)	3.2 x 4.5 x 12" [83 x 116 x 305 mm]
Standard Order Quantity	24 Units