

Pluggable Single Pole & Multi-pole Surge Protective Devices (SPDs)



Overvoltage Protection

ProTec T2-CM-L-E

Special features:

- Pluggable design with 9mm size per pole
- Type 2 and high rated Type 3 SPD
- Available in operating voltages 275V and 440V
- Short-circuit current rating up to 25kA
- Discharge capacity I_{max} up to 10kA (L-N) and 20kA (N-PE)
- All modules including N-PE with operating state green-red
- Optional remote contact (RC) signaling



IEC 61643-11:2011

EN 61643-11:2012+A11:2018



ProTec T2-CM-E offers basic protection as a Type 2 and high rated Type 3 surge protective device (SPD) for operating voltages (U_c) 275V and 440V. The varistor-based protection modules feature outstanding short-circuit current up to 25kA which is one of the highest among the products of this range, and therefore, gives more installation flexibility. All modules are equipped with a state-of-the-art thermal disconnecter and life-status green-red monitoring indicators for each mode of protection – in this case, two indicators per plug. Beside the visual mechanical indicator, optional remote contacts (RC) feature a three-pole remote signalling terminal, which enables remote monitoring of the operating state of the device. This space saving solution can be used in all sub-distribution boards, AC EV charger applications, and many others.



More Product Information



Pluggable Multi-pole SPD

ProTec T2-CM-2+0-L-E(-R)

Class II • Class III • Type 2 • Type 3



Location of Use: Sub-distribution Boards
 Network Systems: TN-S, TN-C, IT* (only 440)
 Mode of Protection: L-PE, L-PEN, N-PE
 IEC/EN Category: Class II+III / Type 2+3
 Housing: Pluggable Design
 Compliance: IEC 61643-11:2011
 EN 61643-11:2012+A11:2018



Technical Data

ProTec T2-CM-xxx-2+0-L-E(-R)

275

440

IEC Electrical

Nominal AC Voltage (50/60 Hz)	U_o	230 V	230 V
Maximum Continuous Operating Voltage (AC)	U_c	275 V	440 V
Nominal Discharge Current (8/20 μ s)	I_n	10 kA	
Maximum Discharge Current (8/20 μ s)	I_{max}	20 kA	
Voltage Protection Level for Type 2+3	U_p	1200 V	1700 V
Voltage Protection Level for Type 3 only	U_p	1000 V	1400 V
Open Circuit Voltage of Combination Wave Generator (1.2/50 μ s)	U_{oc}	6 kV	
Short Circuit Current of Combination Wave Generator (8/20 μ s)	I_{cw}	3 kA	
Response Time	t_A	< 25 ns	
Overvoltage Category		III	
Overcurrent Protection (max)		100 A gG	
Short-Circuit Current Rating	I_{SCCR}	25 kA	
TOV Withstand 5 s	U_T	335 V	440 V
TOV 120 min	$U_T / mode$	440 V / Safe Fail	440 V / Withstand
Number of Ports		1	

Additional Electrical Parameters (Tests performed within Raycap testing laboratory only)

Residual Voltage at 5 kA (8/20 μ s)	U_{res}	1000 V	1500 V
Minimum Backup fuse, if required		40 A gG	

Mechanical & Environmental

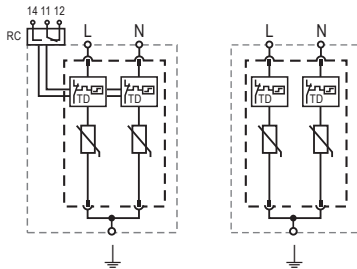
Temperature Range	T_a	-40 °C to +85 °C	
Permissible Humidity	RH	5%...95%	
Pollution Degree		2	
Altitude (max)		6562 ft [2000 m]	
Terminal Screw Torque	(L, N) M_{max}	10 lbf-in [1.2 Nm]	
	(PE) M_{max}	17 lbf-in [2.0 Nm]	
Conductor Cross Section (max)	(L, N)	8 AWG (Solid, Stranded) / 10 AWG (Flexible)	
		10 mm ² (Solid, Stranded) / 6 mm ² (Flexible)	
	(PE)	2 AWG (Solid, Stranded) / 4 AWG (Flexible)	
		35 mm ² (Solid, Stranded) / 25 mm ² (Flexible)	
Mounting		35 mm DIN Rail, EN 60715	
Degree of Protection		IP 20 (built-in)	
Thermal Protection		Yes	
Fault Indication		Red Flag	
Remote Contacts (RC)		Optional	
RC Switching Capacity		AC: 250/0.5A; DC: 60V/0.1A	
RC Terminal Cross Section (max)		13 AWG [1.5 mm ²]	
RC Terminal Screw Torque	M_{max}	3.5 lbf-in [0.4 Nm]	
Overvoltage Category		III	

*Only applicable for SPD with U_c 440V to IT power systems where the earth on the distribution transformer is interconnected with the earth on the consumer side (RE=RA in Figure 44.A1 of IEC 60364-4-44:2018).

Internal Configuration

Legend

- L Line Conductor Terminal
- N Neutral Conductor Terminal
- PE Conductor Terminal
- RC Remote Contacts Terminal
- TD Thermal Disconnect

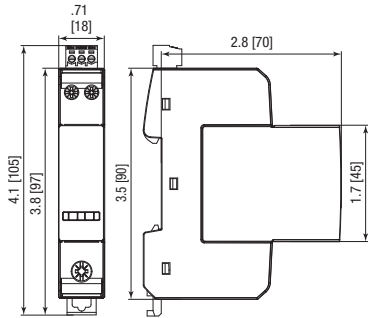


Order Information

Order Code	275	440
ProTec T2-CM-xxx-2+0-L-E	515 599	515 601
ProTec T2-CM-xxx-2+0-L-E-R (with remote contact)	515 600	515 602
ProTec T2-CM-xxx-L-E-P (plug)	515 667	515 668

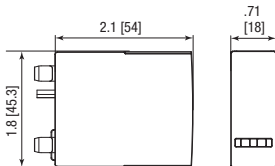
Dimensions & Packaging

inches [mm]



Complete Unit			
ProTec T2-CM-xxx-2+0-L-E		275	440
Weight	pounds [grams]	.334 [152]	.352 [160]
ProTec T2-CM-xxx-2+0-L-E-R		275	440
Weight	pounds [grams]	.345 [157]	.363 [165]
DIN 43880 Dimension	1 TE / .70" [18 mm]		
Packaging Dimensions (H x W x L)	3.2 x 1.7 x 4.6" [83.5 x 44 x 117 mm]		
Standard Order Quantity	15 Units		

Spare plug



Single Unit			
ProTec T2-CM-xxx-L-E-P		275	440
Weight	pounds [grams]	.173 [78.5]	.190 [86.5]
DIN 43880 Dimension	1 TE / .70" [18 mm]		
Packaging Dimensions (H x W x L)	2.5 x 1.8 x 8.7" [64 x 45 x 220 mm]		
Standard Order Quantity	24 Units		

Pluggable Multi-pole SPD

ProTec T2-CM-3+0-L-E(-R)

Class II • Class III • Type 2 • Type 3



Location of Use: Sub-distribution Boards
 Network Systems: TN-C, IT* (only 440)
 Mode of Protection: L-PEN
 IEC/EN Category: Class II+III / Type 2+3
 Housing: Pluggable Design
 Compliance: IEC 61643-11:2011
 EN 61643-11:2012+A11:2018



Technical Data

ProTec T2-CM-xxx-3+0-L-E(-R)

275

440

IEC Electrical

Nominal AC Voltage (50/60 Hz)	U_o	230 V	230 V
Maximum Continuous Operating Voltage (AC)	U_c	275 V	440 V
Nominal Discharge Current (8/20 μ s)	I_n	10 kA	
Maximum Discharge Current (8/20 μ s)	I_{max}	20 kA	
Voltage Protection Level for Type 2+3	U_p	1200 V	1700 V
Voltage Protection Level for Type 3 only	U_p	1000 V	1400 V
Open Circuit Voltage of Combination Wave Generator (1.2/50 μ s)	U_{oc}	6 kV	
Short Circuit Current of Combination Wave Generator (8/20 μ s)	I_{cw}	3 kA	
Response Time	t_A	< 25 ns	
Overvoltage Category		III	
Overcurrent Protection (max)		100 A gG	
Short-Circuit Current Rating	I_{SCCR}	25 kA	
TOV Withstand 5s	U_T	335 V	440 V
TOV 120min	$U_T / mode$	440 V / Safe Fail	440 V / Withstand
Number of Ports		1	

Additional Electrical Parameters (Tests performed within Raycap testing laboratory only)

Residual Voltage at 5 kA (8/20 μ s)	U_{res}	1000 V	1500 V
Minimum Backup fuse, if required		40 A gG	

Mechanical & Environmental

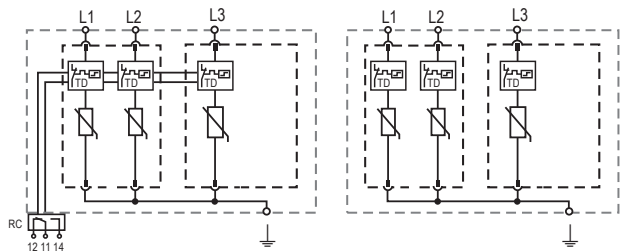
Temperature Range	T_a	-40 °C to +85 °C	
Permissible Humidity	RH	5%...95%	
Pollution Degree		2	
Altitude (max)		6562 ft [2000 m]	
Terminal Screw Torque	(L) M_{max}	10 lbf-in [1.2 Nm]	
	(PEN) M_{max}	17 lbf-in [2.0 Nm]	
Conductor Cross Section (max)	(L)	8 AWG (Solid, Stranded) / 10 AWG (Flexible)	
		10 mm ² (Solid, Stranded) / 6 mm ² (Flexible)	
	(PEN)	2 AWG (Solid, Stranded) / 4 AWG (Flexible)	
		35 mm ² (Solid, Stranded) / 25 mm ² (Flexible)	
Mounting		35 mm DIN Rail, EN 60715	
Degree of Protection		IP 20 (built-in)	
Thermal Protection		Yes	
Fault Indication		Red Flag	
Remote Contacts (RC)		Optional	
RC Switching Capacity		AC: 250/0.5A; DC: 60V/0.1A	
RC Terminal Cross Section (max)		13 AWG [1.5 mm ²]	
RC Terminal Screw Torque	M_{max}	3.5 lbf-in [0.4 Nm]	
Overvoltage Category		III	

*Only applicable for SPD with U_c 440V to IT power systems where the earth on the distribution transformer is interconnected with the earth on the consumer side (RE=RA in Figure 44.A1 of IEC 60364-4-44:2018).

Internal Configuration

Legend

- L Line Conductor Terminal
- N Neutral Conductor Terminal
- PEN Conductor Terminal
- RC Remote Contacts Terminal
- TD Thermal Disconnect

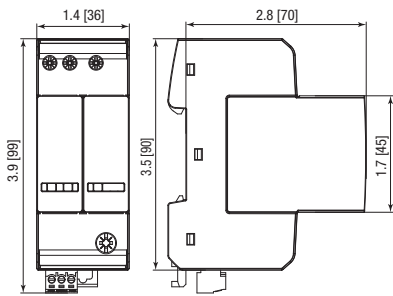


Order Information

Order Code	275	440
ProTec T2-CM-xxx-3+0-L-E	515 700	515 703
ProTec T2-CM-xxx-3+0-L-E-R (with remote contact)	515 701	515 704
ProTec T2-CM-xxx-L-E-P (plug)	515 667	515 668
ProTec T2-CM-xxx-L-E-01-P (L3-PEN plug)	515 702	515 705

Dimensions & Packaging

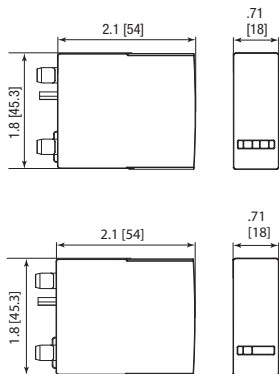
inches [mm]



Complete Unit

ProTec T2-CM-xxx-3+0-L-E	275
Weight	pounds [grams] .535 [242]
ProTec T2-CM-xxx-3+0-L-E-R	275
Weight	pounds [grams] .549 [249]
DIN 43880 Dimension	2 TE / 1.42" [36 mm]
Packaging Dimensions (H x W x L)	3.2 x 1.7 x 4.6" [83.5 x 44 x 117 mm]
Standard Order Quantity	8 Units

Spare plug



Single Unit

ProTec T2-CM-xxx-L-E-P	275
Weight	pounds [grams] .173 [78.5]
ProTec T2-CM-xxx-L-E-01-P	275
Weight	pounds [grams] .095 [43]
DIN 43880 Dimension	1 TE / .70" [18 mm]
Packaging Dimensions (H x W x L)	2.5 x 1.8 x 8.7" [64 x 45 x 220 mm]
Standard Order Quantity	24 Units

Pluggable Multi-pole SPD

ProTec T2-CM-4+0-L-E(-R)

Class II • Class III • Type 2 • Type 3



Location of Use: Sub-distribution Boards
 Network Systems: TN-S, TN-C, IT* (only 440)
 Mode of Protection: L-PE, L-PEN, N-PE
 IEC/EN Category: Class II+III / Type 2+3
 Housing: Pluggable Design
 Compliance: IEC 61643-11:2011
 EN 61643-11:2012+A11:2018



Technical Data

ProTec T2-CM-xxx-4+0-L-E(-R)

275

440

IEC Electrical

Nominal AC Voltage (50/60 Hz)	U_o	230 V	230 V
Maximum Continuous Operating Voltage (AC)	U_c	275 V	440 V
Nominal Discharge Current (8/20 μ s)	I_n	10 kA	
Maximum Discharge Current (8/20 μ s)	I_{max}	20 kA	
Voltage Protection Level for Type 2+3	U_p	1200 V	1700 V
Voltage Protection Level for Type 3 only	U_p	1000 V	1400 V
Open Circuit Voltage of Combination Wave Generator (1.2/50 μ s)	U_{oc}	6 kV	
Short Circuit Current of Combination Wave Generator (8/20 μ s)	I_{cw}	3 kA	
Response Time	t_A	< 25 ns	
Overvoltage Category		III	
Overcurrent Protection (max)		100 A gG	
Short-Circuit Current Rating	I_{SCCR}	25 kA	
TOV Withstand 5s	U_T	335 V	440 V
TOV 120min	$U_T / mode$	440 V / Safe Fail	440 V / Withstand
Number of Ports		1	

Additional Electrical Parameters (Tests performed within Raycap testing laboratory only)

Residual Voltage at 5 kA (8/20 μ s)	U_{res}	1000 V	1500 V
Minimum Backup fuse, if required		40 A gG	

Mechanical & Environmental

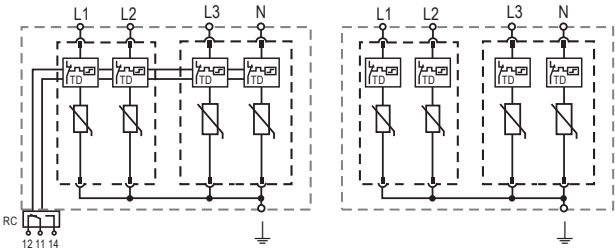
Temperature Range	T_a	-40 °C to +85 °C	
Permissible Humidity	RH	5%...95%	
Pollution Degree		2	
Altitude (max)		6562 ft [2000 m]	
Terminal Screw Torque	(L, N) M_{max}	10 lbf-in [1.2 Nm]	
	(PE) M_{max}	17 lbf-in [2.0 Nm]	
Conductor Cross Section (max)	(L, N)	8 AWG (Solid, Stranded) / 10 AWG (Flexible)	
		10 mm ² (Solid, Stranded) / 6 mm ² (Flexible)	
	(PE)	2 AWG (Solid, Stranded) / 4 AWG (Flexible)	
		35 mm ² (Solid, Stranded) / 25 mm ² (Flexible)	
Mounting		35 mm DIN Rail, EN 60715	
Degree of Protection		IP 20 (built-in)	
Thermal Protection		Yes	
Fault Indication		Red Flag	
Remote Contacts (RC)		Optional	
RC Switching Capacity		AC: 250/0.5A; DC: 60V/0.1A	
RC Terminal Cross Section (max)		13 AWG [1.5 mm ²]	
RC Terminal Screw Torque	M_{max}	3.5 lbf-in [0.4 Nm]	
Overvoltage Category		III	

*Only applicable for SPD with U_c 440V to IT power systems where the earth on the distribution transformer is interconnected with the earth on the consumer side (RE=RA in Figure 44.A1 of IEC 60364-4-44:2018).

Internal Configuration

Legend

- L Line Conductor Terminal
- N Neutral Conductor Terminal
- PE Conductor Terminal
- RC Remote Contacts Terminal
- TD Thermal Disconnect

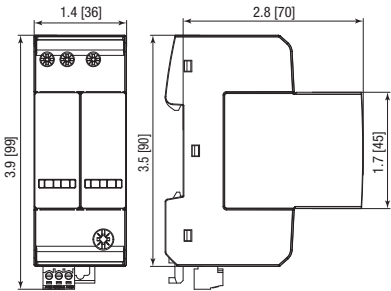


Order Information

Order Code	275	440
ProTec T2-CM-xxx-4+0-L-E	515 603	515 605
ProTec T2-CM-xxx-4+0-L-E-R (with remote contact)	515 604	515 606
ProTec T2-CM-xxx-L-E-P (plug)	515 667	515 668

Dimensions & Packaging

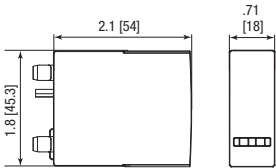
inches [mm]



Complete Unit

ProTec T2-CM-xxx-4+0-L-E		275	440
Weight	pounds [grams]	.618 [281]	.654 [297]
ProTec T2-CM-xxx-4+0-L-E-R			
Weight	pounds [grams]	.632 [287]	.667 [303]
DIN 43880 Dimension		2 TE / 1.42" [36 mm]	
Packaging Dimensions (H×W×L)		3.2 × 1.7 × 4.6" [83.5 × 44 × 117 mm]	
Standard Order Quantity		8 Units	

Spare plug



Single Unit

ProTec T2-CM-xxx-L-E-P		275	440
Weight	pounds [grams]	.173 [78.5]	.190 [86.5]
DIN 43880 Dimension	1 TE / .70" [18 mm]		
Packaging Dimensions (H x W x L)	2.5 x 1.8 x 8.7" [64 x 45 x 220mm]		
Standard Order Quantity	24 Units		

Pluggable Multi-pole SPD

ProTec T2-CM-1+1-L-E(-R)

Class II • Class III • Type 2 • Type 3



Location of Use: Sub-distribution Boards
 Network Systems: TT, TN-S
 Mode of Protection: L - N, N - PE
 IEC/EN Category: Class II+III / Type 2+3
 Housing: Pluggable Design
 Compliance: IEC 61643-11:2011
 EN 61643-11:2012+A11:2018



Technical Data

ProTec T2-CM-xxx-1+1-L-E(-R)

275

440

IEC Electrical

Nominal AC Voltage (50/60 Hz)	U_o	230V	230V
Maximum Continuous Operating Voltage (AC)	(L - N)/(N - PE) U_c	275V / 255V	440V / 255V
Nominal Discharge Current (8/20 μ s)	(L - N)/(N - PE) I_n	10 kA / 20 kA	
Maximum Discharge Current (8/20 μ s)	(L - N)/(N - PE) I_{max}	20 kA / 40 kA	
Voltage Protection Level for Type 2+3	(L - N) U_p	1200V	1700V
	(N - PE) U_p	1500V	1500V
Voltage Protection Level for Type 3 only	(L - N) U_p	1000V	1400V
	(N - PE) U_p	1000V	1000V
Open Circuit Voltage of Combination Wave Generator (1.2/50 μ s)	(L - N)/(N - PE) U_{oc}	6 kV / 6 kV	
Short Circuit Current of Combination Wave Generator (8/20 μ s)	(L - N)/(N - PE) I_{cw}	3 kA / 3 kA	
Follow Current Interrupt Rating	(N - PE) I_{fi}	100 A	
Response Time	(L - N)/(N - PE) t_A	< 25 ns / < 100 ns	
Overvoltage Category		III	
Overcurrent Protection (max)		100 A gG	
Short-Circuit Current Rating	I_{SCCR}	25 kA	
TOV Withstand 5s	(L - N) U_T	335V	440V
TOV 120min	(L - N) $U_T / mode$	440V / Safe Fail	440V / Withstand
TOV Withstand 200ms	(N - PE) U_T	1200V / 300 A	
Number of Ports		1	

Additional Electrical Parameters (Tests performed within Raycap testing laboratory only)

Residual Voltage at 5 kA (8/20 μ s)	U_{res}	1000V / 255V	1500V / 255V
Minimum Backup fuse, if required		40 A gG	

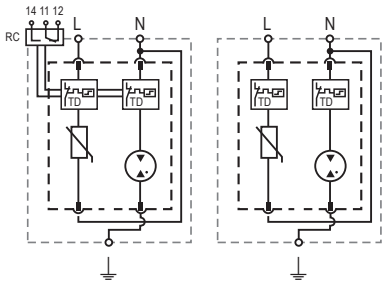
Mechanical & Environmental

Temperature Range	T_a	-40 °C to +85 °C	
Permissible Humidity	RH	5%...95%	
Pollution Degree		2	
Altitude (max)		6562 ft [2000 m]	
Terminal Screw Torque	(L, N) M_{max}	10 lbf-in [1.2 Nm]	
	(PE) M_{max}	17 lbf-in [2.0 Nm]	
Conductor Cross Section (max)	(L, N)	8 AWG (Solid, Stranded) / 10 AWG (Flexible)	
		10 mm ² (Solid, Stranded) / 6 mm ² (Flexible)	
	(PE)	2 AWG (Solid, Stranded) / 4 AWG (Flexible)	
		35 mm ² (Solid, Stranded) / 25 mm ² (Flexible)	
Mounting		35 mm DIN Rail, EN 60715	
Degree of Protection		IP 20 (built-in)	
Thermal Protection		Yes	
Fault Indication		Red Flag	
Remote Contacts (RC)		Optional	
RC Switching Capacity		AC: 250/0.5A; DC: 60V/0.1A	
RC Terminal Cross Section (max)		13 AWG [1.5 mm ²]	
RC Terminal Screw Torque	M_{max}	3.5 lbf-in [0.4 Nm]	
Overvoltage Category		III	

Internal Configuration

Legend

- L Line Conductor Terminal
- N Neutral Conductor Terminal
- PE Conductor Terminal
- RC Remote Contacts Terminal
- TD Thermal Disconnect

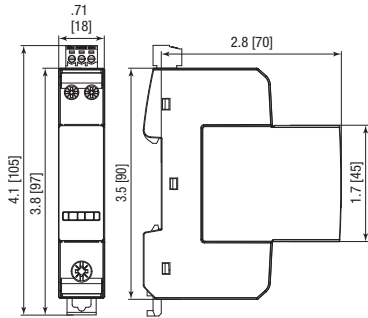


Order Information

Order Code	275	440
ProTec T2-CM-xxx-1+1-L-E	515 596	515 661
ProTec T2-CM-xxx-1+1-L-E-R (with remote contact)	515 597	515 662
ProTec T2-CM-xxx-L-G-E-P (plug)	515 598	515 607

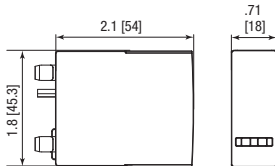
Dimensions & Packaging

inches [mm]



Complete Unit			
ProTec T2-CM-xxx-1+1-L-E		275	440
Weight	pounds [grams]	.304 [138]	.131 [142]
ProTec T2-CM-xxx-1+1-L-E-R		275	440
Weight	pounds [grams]	.313 [142]	.321 [146]
DIN 43880 Dimension	1 TE / .70" [18 mm]		
Packaging Dimensions (H x W x L)	3.2 x 1.7 x 4.6" [83.5 x 44 x 117 mm]		
Standard Order Quantity	15 Units		

Spare plug



Single Unit			
ProTec T2-CM-xxx-L-G-E-P		275	440
Weight	pounds [grams]	.144 [65.5]	.151 [68.5]
DIN 43880 Dimension	1 TE / .70" [18 mm]		
Packaging Dimensions (H x W x L)	2.5 x 1.8 x 8.7" [64 x 45 x 220 mm]		
Standard Order Quantity	24 Units		

Pluggable Multi-pole SPD

ProTec T2-CM-3+1-L-E(-R)

Class II • Class III • Type 2 • Type 3



Location of Use: Sub-distribution Boards
 Network Systems: TT, TN-S
 Mode of Protection: L - N, N - PE
 IEC/EN Category: Class II+III / Type 2+3
 Housing: Pluggable Design
 Compliance: IEC 61643-11:2011
 EN 61643-11:2012+A11:2018



Technical Data

ProTec T2-CM-xxx-3+1-L-E(-R)

275

440

IEC Electrical

Nominal AC Voltage (50/60 Hz)	U_o	230V	230V
Maximum Continuous Operating Voltage (AC)	(L - N)/(N - PE) U_c	275V/255V	440V/255V
Nominal Discharge Current (8/20 μ s)	(L - N)/(N - PE) I_n	10kA/20kA	
Maximum Discharge Current (8/20 μ s)	(L - N)/(N - PE) I_{max}	20kA/40kA	
Voltage Protection Level for Type 2+3	(L - N) U_p	1200V	1700V
	(N - PE) U_p	1500V	1500V
Voltage Protection Level for Type 3 only	(L - N) U_p	1000V	1400V
	(N - PE) U_p	1000V	1000V
Open Circuit Voltage of Combination Wave Generator (1.2/50 μ s)	(L - N)/(N - PE) U_{oc}	6kV/6kV	
Short Circuit Current of Combination Wave Generator (8/20 μ s)	(L - N)/(N - PE) I_{cw}	3kA/3kA	
Follow Current Interrupt Rating	(N - PE) I_{fi}	100 A	
Response Time	(L - N)/(N - PE) t_A	< 25 ns / < 100 ns	
Overvoltage Category		III	
Overcurrent Protection (max)		100 A gG	
Short-Circuit Current Rating	I_{SCCR}	25 kA	
TOV Withstand 5s	(L - N) U_T	335V	440V
TOV 120min	(L - N) $U_T / mode$	440V / Safe Fail	440V / Withstand
TOV Withstand 200ms	(N - PE) U_T	1200V/300 A	
Number of Ports		1	

Additional Electrical Parameters (Tests performed within Raycap testing laboratory only)

Residual Voltage at 5 kA (8/20 μ s)	U_{res}	1000V/255V	1500V/255V
Minimum Backup fuse, if required		40A gG	

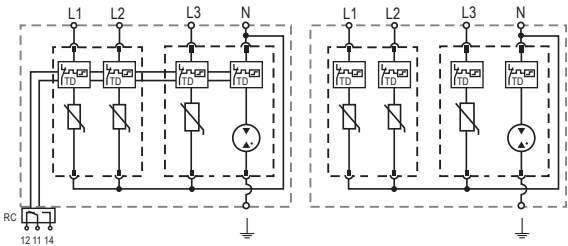
Mechanical & Environmental

Temperature Range	T_a	-40 °C to +85 °C	
Permissible Humidity	RH	5%...95%	
Pollution Degree		2	
Altitude (max)		6562 ft [2000 m]	
Terminal Screw Torque	(L, N) M_{max}	10 lbf-in [1.2 Nm]	
	(PE) M_{max}	17 lbf-in [2.0 Nm]	
Conductor Cross Section (max)	(L, N)	8 AWG (Solid, Stranded) / 10 AWG (Flexible)	
		10mm ² (Solid, Stranded) / 6mm ² (Flexible)	
	(PE)	2 AWG (Solid, Stranded) / 4 AWG (Flexible)	
		35mm ² (Solid, Stranded) / 25mm ² (Flexible)	
Mounting		35mm DIN Rail, EN 60715	
Degree of Protection		IP 20 (built-in)	
Thermal Protection		Yes	
Fault Indication		Red Flag	
Remote Contacts (RC)		Optional	
RC Switching Capacity		AC: 250/0.5A; DC: 60V/0.1A	
RC Terminal Cross Section (max)		13 AWG [1.5mm ²]	
RC Terminal Screw Torque	M_{max}	3.5 lbf-in [0.4 Nm]	
Overvoltage Category		III	

Internal Configuration

Legend

- L Line Conductor Terminal
- N Neutral Conductor Terminal
- PE Conductor Terminal
- RC Remote Contacts Terminal
- TD Thermal Disconnect

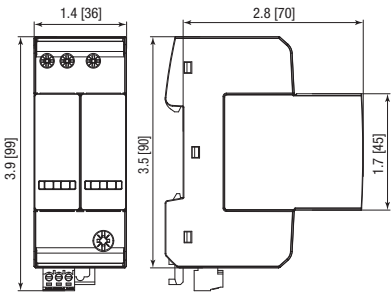


Order Information

Order Code	275	440
ProTec T2-CM-xxx-3+1-L-E	515 663	515 665
ProTec T2-CM-xxx-3+1-L-E-R (with remote contact)	515 664	515 666
ProTec T2-CM-xxx-L-E-P (plug L-N)	515 667	515 668
ProTec T2-CM-xxx-L-G-E-P (plug N-PE)	515 598	515 607

Dimensions & Packaging

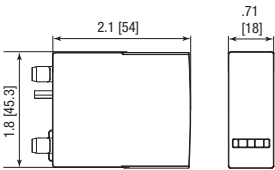
inches [mm]



Complete Unit

ProTec T2-CM-xxx-3+1-L-E		275	440
Weight	pounds [grams]	.577 [262]	.604 [274]
ProTec T2-CM-xxx-3+1-L-E-R			
Weight	pounds [grams]	.590 [268]	.617 [280]
DIN 43880 Dimension		2 TE / 1.42" [36 mm]	
Packaging Dimensions (H×W×L)		3.2 × 1.7 × 4.6" [83.5 × 44 × 117 mm]	
Standard Order Quantity		8 Units	

Spare plug



Single Unit

ProTec T2-CM-xxx-L-E-P		275	440
Weight	pounds [grams]	.173 [78.5]	.190 [86.5]
ProTec T2-CM-xxx-L-G-E-P		275	440
Weight	pounds [grams]	.144 [65.5]	.151 [68.5]
DIN 43880 Dimension		1 TE / .70" [18 mm]	
Packaging Dimensions (H×W×L)		2.5 × 1.8 × 8.7" [64 × 45 × 220mm]	
Standard Order Quantity		24 Units	