

PSC 12,5 3+0 IT

Power Line SPDs

DIN RAIL - IEC TYPE 1+2



General Data

Internal configuration	3+0
No. Poles	3-Pole
No. DIN rail modules	3
Network configuration	IT
IEC SPD Type	Class I+II
EN SPD Type	Type 1+2
Format	Pluggable
Protection Modes	L-PE(N)
Product standards	IEC 61643-11; EN 61643-11



PART NUMBERS

XXX	400
PSC3-12,5/XXX IT	77738327
PSC3-12,5/XXX IT IR (with Remote Indication)	77738328

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

PSC3-12,5/XXX IT, PSC3-12,5/XXX IT IR (with Remote Indication)	400
Maximum continuous operating voltage (AC) - Uc [V]	440
Nominal voltage AC 50-60 Hz - Un [V]	400/690
Nominal discharge current (8/20)- In [kA]	20
Max Discharge Current (8/20) - Imax [kA]	65
Lightning impulse current (10/350) - Iimp [kA]	12.5
Voltage protection level at In - Up [kV]	≤1,8
Short circuit withstand- Isccr [kA]	25
Response time - tA [ns]	≤25
Dynamic thermal disconnection	Yes
Thermal protection behaviour	OCM (Open Circuit Mode)

MECHANICAL AND ENVIRONMENTAL FEATURES

PSC3-12,5/XXX IT, PSC3-12,5/XXX IT IR (with Remote Indication)	400
Temperature range [°C]	-40 ... 85
Humidity range [%]	5 ... 95
Indication System Type	Green (OK) / Not green (replace)
Insulating material	PA66 CT1
Enclosure - IP	IP20
Flammability class	UL94 V-0
Solid conductor cross section	6...35 mm ²
Stranded conductor cross section	6...25 mm ²
Torque rating [N m]	3

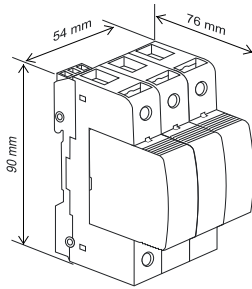
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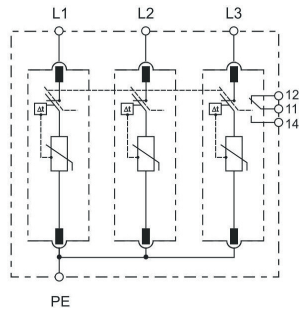
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DIMENSIONS AND WEIGHT



PSC3-12,5/XXX IT	
PSC3-12,5/XXX IT IR (with Remote Indication)	400
Net Weight [kg]	0.49
Gross weight [kg]	0.518
Packaging dimensions (H x W x L) [mm]	117 × 63 × 90

INTERNAL CONFIGURATION



REPLACEMENT CARTRIDGES

PSC3-12,5/XXX IT	
PSC3-12,5/XXX IT IR (with Remote Indication)	400
PSC-12,5/XXX (Line)	77738601

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