

PSC 25 3+0

Power Line SPDs

DIN RAIL - IEC TYPE 1+2



General Data

Internal configuration	3+0
No. Poles	3-Pole
No. DIN rail modules	6
Network configuration	TNC
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
PSC3-25/ XXX TNC	77738345
PSC3-25/ XXX TNC IR (with Remote Indication)	77738346

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

PSC3-25/ XXX TNC, PSC3-25/ XXX TNC IR (with Remote Indication)	400
Maximum continuous operating voltage (AC) - Uc [V]	275
Nominal voltage AC 50-60 Hz - Un [V]	230/400
Nominal discharge current (8/20)- In [kA]	25
Max Discharge Current (8/20) - Imax [kA]	100
Lightning impulse current (10/350) - Iimp [kA]	25
Voltage protection level at In - Up [kV]	≤1,5
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

PSC3-25/ XXX TNC, PSC3-25/ XXX TNC 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
Remote indication conductor cross section [mm ²]	0.08 ... 1.5
Remote indication switching capacity [V/A]	AC: 125/3 DC: 250/1

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Continue PSC3-25/XXX TNC, PSC3-25/XXX TNC IR (with Remote Indication)

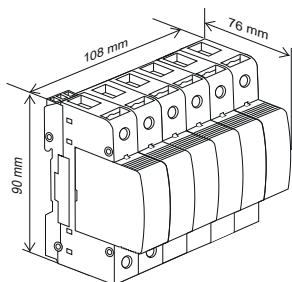
PSC3-25/XXX TNC, PSC3-25/XXX TNC IR (with Remote Indication)

400

Remote Indication Torque [N m]

0.2

DIMENSIONS AND WEIGHT



PSC3-25/XXX TNC
PSC3-25/XXX TNC IR
(with Remote Indication)

400

Net Weight [kg]

1.02

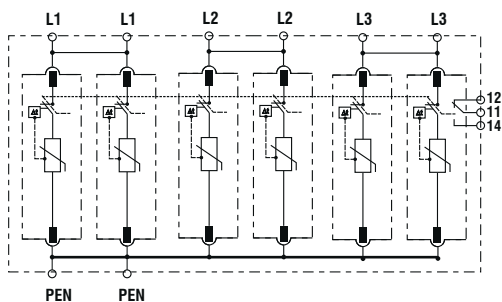
Gross weight [kg]

1.08

Packaging dimensions (H x W x L) [mm]

128 x 103 x 90

INTERNAL CONFIGURATION



REPLACEMENT CARTRIDGES

PSC3-25/XXX TNC
PSC3-25/XXX TNC IR
(with Remote Indication)

400

PSC-25/XXX (Line)

77738611

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