

# PSC 12,5 2+0 ELV

Power Line SPDs

DIN RAIL - IEC TYPE 1+2



## General Data

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



## PART NUMBERS

XXX	60
PSC2-12,5/XXX ELV	77738094
PSC2-12,5/XXX ELV IR (with Remote Indication)	77738095

## SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

PSC2-12,5/XXX ELV, PSC2-12,5/XXX ELV IR (with Remote Indication)	60
Maximum continuous operating voltage (AC) - Uc [V]	75
Maximum continuous operating voltage (DC) - Ucpv [V]	100
Nominal voltage AC 50-60 Hz - Un [V]	60
Nominal discharge current (8/20)- In [kA]	20
Max Discharge Current (8/20) - Imax [kA]	60
Lightning impulse current (10/350) - Iimp [kA]	12.5
Voltage protection level at In - Up [kV]	≤0,65
Voltage protection level - Ures (L-PE) at 10kA [kV]	0.4
Maximum back-up fuse [A [gG]]	200
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

PSC2-12,5/XXX ELV, PSC2-12,5/XXX ELV IR (with Remote Indication)	60
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 <sup>2</sup>
Stranded conductor cross section	6...25 mm <sup>2</sup>

## DATASHEET

This document is subject to change at any time without notice [www.cirprotec.com](http://www.cirprotec.com) | Lepanto 49 · 08223 Terrassa, Barcelona Spain © 2024 Cirprotec SLU | All rights reserved

**cirprotec**

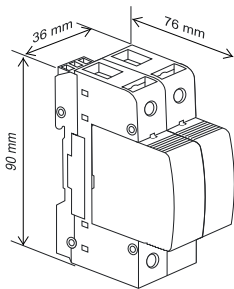
# PSC 12,5 2+0 ELV

Power Line SPDs  
DIN RAIL - IEC TYPE 1+2

Continue PSC2-12,5/XXX ELV, PSC2-12,5/XXX ELV IR (with Remote Indication)

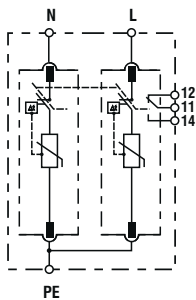
PSC2-12,5/XXX ELV, PSC2-12,5/XXX ELV IR (with Remote Indication)	60
Torque rating [N m]	3
Remote indication conductor cross section [mm <sup>2</sup> ]	0.08 ... 1.5
Remote indication switching capacity [V/A]	AC: 125/0.2 DC: 250/1
Remote Indication Torque [N m]	0.2

## DIMENSIONS AND WEIGHT



PSC2-12,5/XXX ELV PSC2-12,5/XXX ELV IR (with Remote Indication)	60
Net Weight [kg]	0.325
Gross weight [kg]	0.345
Packaging dimensions (H x W x L) [mm]	117 × 42 × 90

## INTERNAL CONFIGURATION



## REPLACEMENT CARTRIDGES

PSC2-12,5/XXX ELV PSC2-12,5/XXX ELV IR (with Remote Indication)	60
PSC-12,5/XXX (Line)	77738606