

DIN 12V-3/DIN 24V-3

Signal Line SPDs
Measurement and Control



General Data

No. DIN rail modules	2
Format	DIN
Product standards	IEC 61643-21



PART NUMBERS

XX	12	24
DIN XXV-3	77840710	77840760

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

DIN XXV-3	12	24
Maximum continuous operating voltage (AC) - Uc [V]	16	30
Maximum continuous operating voltage (AC) - Uc (L-PE) [V]	16	30
Maximum continuous operating voltage (AC) - Uc (L1/L2-PE) [V]	16	30
Nominal voltage AC 50-60Hz - Un (L1/L2-PE) [V]	12	24
Nominal discharge current (8/20)- In [kA]		0.1
Nominal discharge current (8/20) - In (L-PE) [kA]		5
Max Discharge Current (8/20) - Imax (L-PE) [kA]		10
Voltage protection level at In - Up (L-PE) [V]	≤45	≤90
Voltage protection level at In - Up (L1/L2-GND) [V]	≤27	≤45

TECHNICAL FEATURES

DIN XXV-3	12	24
Network communication standards		Analog signals
Bandwidth [MHz]		3
Max. communication voltage [V]	12	24

MECHANICAL AND ENVIRONMENTAL FEATURES

DIN XXV-3	12	24
Temperature range [°C]		-20 ... 70
Housing color		Grey RAL 7035
Protected Wires		2 Wires + GND
Input connector		Terminal
Output connector		Terminal
Stranded conductor cross section		2,5 mm ²

DATASHEET

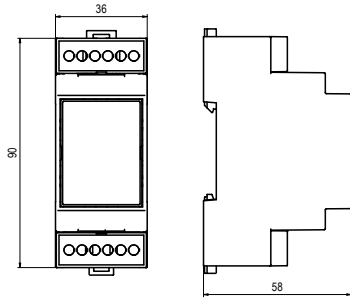
This document is subject to change at any time without notice www.cirprotec.com | Lepanto 49 · 08223 Terrassa, Barcelona Spain © 2024 Cirprotec SLU | All rights reserved

cirprotec

DIN 12V-3/DIN 24V-3

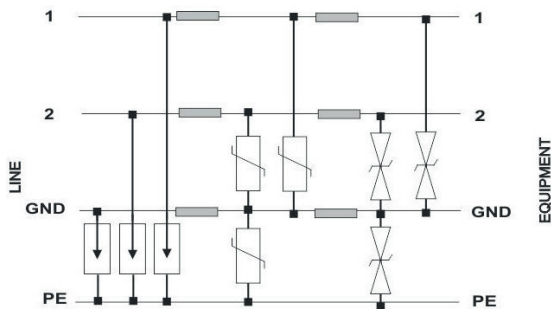
Signal Line SPDs
Measurement and Control

DIMENSIONS AND WEIGHT



DIN XXV-3	12	24
Net Weight [kg]	0.073	0.07
Gross weight [kg]	0.106	0.1
Packaging dimensions (H x W x L) [mm]	117 × 42 × 90	

INTERNAL CONFIGURATION



DATASHEET

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