

DIN 485-3NI

Signal Line SPDs
Measurement and Control



General Data

No. DIN rail modules	1
Format	DIN
Product standards	IEC 61643-21



PART NUMBERS

DIN 485-3NI	77840813
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SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

Maximum continuous operating voltage (AC) - U _c [V]	15
Maximum continuous operating voltage (AC) - U _c (TRX+, TRX-) [V]	15
Nominal voltage AC 50-60Hz - U _n (L1/L2-PE) [V]	12
Rated current load - I _L [A]	0.25
Voltage protection level at I _n - U _p [V]	≤45
Voltage protection level at I _n - U _p (TRX- to PE) [V]	≤400
Voltage protection level at I _n - U _p (TRX+ to TRX-) [V]	≤45
Voltage protection level at I _n - U _p (GND to PE) [V]	≤400
Response time - t _A (GND to PE) [ns]	≤100
Response time - t _A (TRX- to PE) [ns]	≤100
Response time - t _A (TRX+ to PE) [ns]	≤100
Response time - t _A (TRX+ to TRX-) [ns]	≤1

TECHNICAL FEATURES

Network communication standards	Analog signals
Bandwidth [MHz]	10
Impedance [Ohm]	2.2

MECHANICAL AND ENVIRONMENTAL FEATURES

Temperature range [°C]	-20 ... 60
Insulating material	PC+GF
Housing color	Grey RAL 7035
Enclosure - IP	IP20
Protected Wires	2 Wires + GND
Output connector	Terminal
Solid conductor cross section	0,2...4 mm ²
Stranded conductor cross section	0,2...2,5 mm ²

DATASHEET

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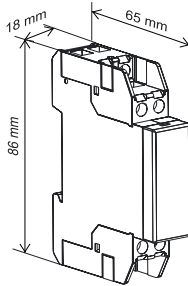
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Continue MECHANICAL AND ENVIRONMENTAL FEATURES

Torque rating [N m]

0.7

DIMENSIONS AND WEIGHT



Net Weight [kg]

0.05

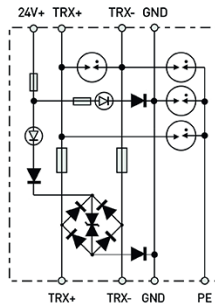
Gross weight [kg]

0.06

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

117 × 24 × 90

INTERNAL CONFIGURATION



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