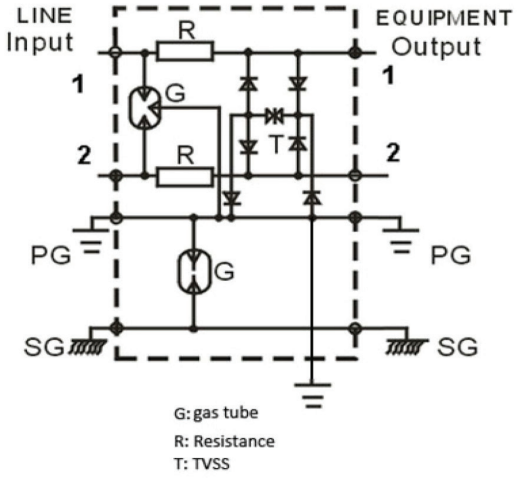
Data Network Protector Terminal Block Module

ASIDMXX-C0

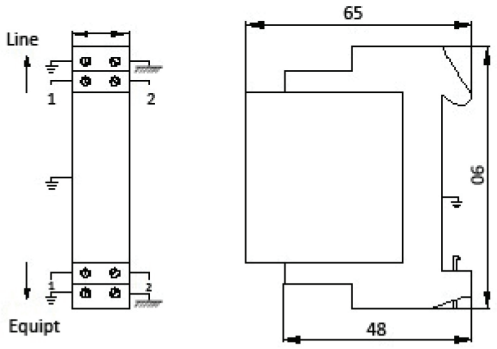
Surge protective devices with plug-in protection modules for high-frequency signal transmission systems against surges at the boundaries from lightning protection zone 0B>2.

- Data network protector in accordance with IEC 61643-21:2000+A1:2008
- Two parts design, surge protection modules to be exchanged easily
- Signal transmission is not interrupted when exchanging modules
- Limit the transients with gas discharge tubes and diodes
- Three-stage protection circuit
- 35 mm DIN-rail mounting design

Basic Circuit Diagram



Dimensions



Technical Data

TYPE		ASIDM06-C0	ASIDM12-C0	ASIDM24-C0	ASIDM48-C0
Application		RS422, RS485			
Configuration		1 Pair+Shield			
Nominal Line Voltage (V) Un		6 V	12 V	24 V	48 V
Max. Line Voltage (V) Uc		8 V	15 V	28 V	60 V
Max. Line Current		300 mA			
Nominal Discharge Current (8/20 µs, kA) In 10 Times		5 kA			
Total Max. Discharge Current (8/20 µs, kA) Inmax 1 Times		10 kA			
Nominal Current (A) I_L		0.5 kA			
Voltage Protection Level (8/20 µs, V) Up	Line-Line/ Line-PG	≤ 30	≤ 45	≤ 55	≤ 190
	PG-SG	≤ 500	≤ 500	≤ 500	≤ 500
Voltage Protection Level (1 kV/µs, V) Up	Line-Line/ Line-PG	≤ 24	≤ 38	≤ 48	≤ 145
	PG-SG	≤ 600	≤ 600	≤ 600	≤ 600
Series Impedance Per Line (Ohm)		2.2 Ohm			
Insertion Loss at 10MHz (dB)		≤ 3.0			
Degree of Protection		IP20			
Mounting		35 mm DIN Rail in accordance with EN50022/DIN 46277-3			
Enclosure Material		UL 94 V0			
Operating Temperature Range		-40°C...+80°C