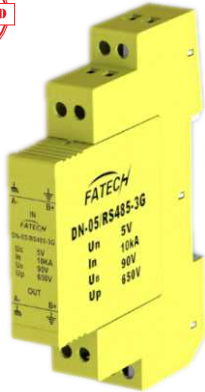
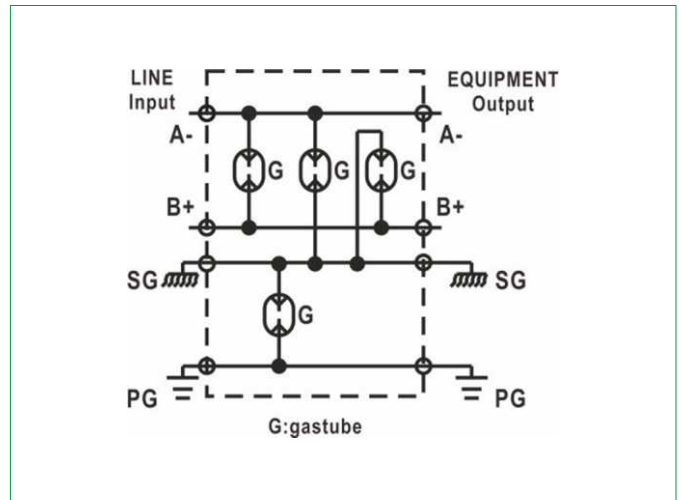
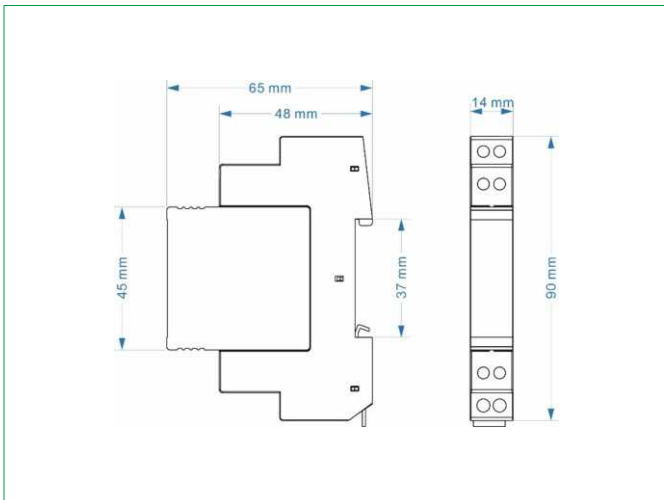


FS-DN-**-RS485-3G



- ◆ 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 according with IEC61643-21.
- ◆ Two parts design, surge protection modules to be exchanged easily.
- ◆ Limit the transients with gas discharge tubes.
- ◆ Two-stage protection circuit.
- ◆ 35mm DIN-rail mounting design



Model No.	FS-DN-12/xxxx-3G	FS-DN-48/xxxx-3G
Appliance	xxxx:RS232,RS422,RS423,RS485,0/4-20mA,0-5V,0-10V	
Configuration	twisted pair + shield	
Nominal voltage 50(60)Hz UN	12V	48V
Max line voltage	15V	55V
Nominal Discharge Current (8/20μs,KA) In 10 times	10kA	
Total Max. Discharge Current (8/20μs,KA) Imax 1 time	20kA	
Impulse current (I _{imp}) (10/350us KA) impulse 2 times	5kA	
Nominal Current (A) I _t	1 A	
Breakdown Voltage	90V(L-L);90V(L-SG);230V(SG-PG)	
Protection level (Up) at 1kV/uS	650V(L-L);650V(L-SG);700V(SG-PG)	
Series impedance per line (Ohm)	0 Ohm	
Insertion loss at 10MHz (dB)	≤0.3	
Mounting	Symmetrical rail (EN50022/DIN46277-3)	
Response time tA	≤10ns	
Operation temperature range / humidity / altitude	-40°C~+80°C / 30%~90% / 3000m	
Housing material	UL94 V-0	
Degree of protection	IP20	