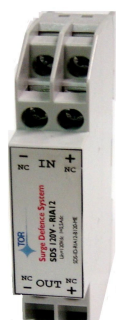


TRANSIENTS AND SPIKES PROTECTOR



MODEL

SDS-ID-RIA12

APPLICATIONS

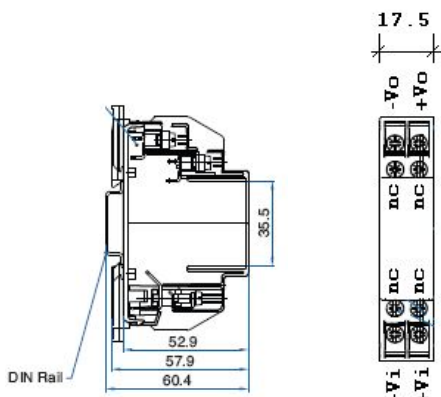
- RIA-12 Spikes and Transients Protection

FEATURES

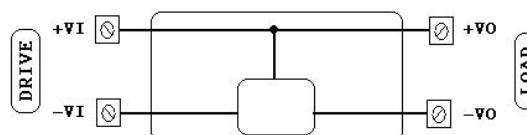
- Uni-direction Operation
- Reverse voltage protection
- Extremely low voltage I losses
- Efficiency >98%

	SPECIFICATIONS	SDS-ID-RIA12-B52-MER	SDS-ID-RIA12-B120-MER
1.	Nominal Input Voltage	52Vdc	120Vdc
2.	DC input voltage Range	24 – 57Vdc	90-136Vdc
3.	I sink – MAX (no-load - full load)	< 350uA	< 350uA
4.	Transient input voltage – RIA12 a. Transient 1sec b. Transient 20ms	78Vdc/1sec 182Vdc/20ms	180Vdc/1sec 420Vdc/20ms
5.	Spike input voltage – RIA12 c. Level-C VDC d. Level-D e H VDC e. Level-E e J VDC f. Level-F e K VDC g. Level-G e L VDC	960 (10/100us, 5ohm) 1800 (5/50us, 5ohm) 3600 (0.5/5us, 100ohm) 4800 (0.1/1us, 100ohm) 8600 (0.05/0.1us, 100ohm)	
6.	Output voltage in limitation operation (in transient input voltage mode)	66Vdc	150Vdc
7.	Flammability	UL94-V0	
8.	Operating Temperature (°C)	-20 ~ 70°C	
9.	Mounting	DIN rail (EN50022)	
10.	Case	1 units DIN43880	
11.	Case Material	Thermoplastic Ral-7035 UL-V0	
12.	Protection Class (IEC529)	IP20	
13.	Relative Humidity	100%	
14.	Safety	EN60950 EN61010	
15.	Built-to-meet	Ria-12	
16.	Marking per LVD	CE	
17.	Weight (g)	tbd	
18.	Vibrations	10-55Hz X Y Z 1min sweep <19.6m/sec ²	

DIMENSIONS (mm)



CONNECTIONS



TRANSIENTS AND SPIKES PROTECTOR

CODE	DESCRIPTION
SDS-ID-RIA12-B52-MER	SDS-52VDC RIA12 TRANSIENT PROTECTOR
SDS-ID-RIA12-B120-MER	SDS-120VDC RIA12 TRANSIENT PROTECTOR