

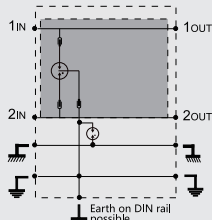
BRPI

SPDs for data

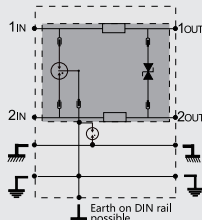
- Pluggable surge protection for DIN rail mounting
- All types of Telephone and Data lines
- Shield wire protection
- Without line cut-off (BRPI) or with (BRPIAO)
- IEC 61643-21 compliance



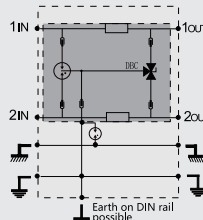
BRPI-170G



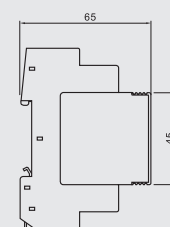
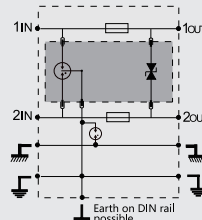
BRPI-**



BRPI-**H



BRPI-**AO



BRPI AO range: Line continuity in case of removal of plug-in module.

		BRPI-06	BRPI-12	BRPI-24	BRPI-48	BRPI-170	BRPI-06H	BRPI-48H	BRPI-170G
Test standards		IEC 61643-21							
Nominal voltage	Un	6V	12V	24V	48V	150V	6V	48V	150V
Max. DC operating voltage	Uc	8V	15V	29V	56V	170V	8V	56V	170V
Max. AC operating voltage	Uc	5V	11V	20V	40V	130V	5V	40V	130V
Nominal current	IL	0.5A	0.5A	0.5A	0.5A	0.5A	0.5A	0.5A	0.5A
C2 Nominal discharge current(8/20μs) In		5kA	5kA	5kA	5kA	5kA	5kA	5kA	5kA
Voltage protection level [line–line]	Up	≤30V	≤40V	≤60V	≤100V	≤320V	≤30V	≤100V	≤750V
Voltage protection level [line–PG]	Up	≤600V	≤600V	≤600V	≤600V	≤600V	≤30V	≤100V	≤600V
Response time [line–line]	tA	≤1ns	≤1ns	≤1ns	≤1ns	≤1ns	≤1ns	≤1ns	≤100ns
Response time [line–PG]	tA	≤100ns	≤100ns	≤100ns	≤100ns	≤100ns	≤100ns	≤100ns	≤100ns
Operating temperature range	TU	–40°C...+80°C							
Connection input/output		Terminal Block							
Bandwidth		3 Mbps	3 Mbps	3 Mbps	3 Mbps	10 Mbps	20 Mbps	20 Mbps	10 Mbps
Insertion Loss		≤0.3dB	≤0.3dB	≤0.3dB	≤0.3dB	≤0.3dB	≤0.3dB	≤0.3dB	≤0.3dB
Enclosure material		Thermoplastic UL94-V0							
Spare module		BRPIM-06D3	BRPIM-12D3	BRPIM-24D3	BRPIM-48D3	BRPIM-170	BRPIM-06H	BRPIM-48H	BRPIM-170G
Network		RS 422	RS 232, RS 485	4-20mA	ISDN-T0, 48V line	Telephone line, ADSL2,VDSL	E1/T2 line 10BaseT	Fireway, WordFIP, FieldBus-h2	Telephone line, ADSL2,VDSL2, SHDSL
Degree of protection		IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
BRPI range		D6015	D6011	D6009	D6007	D6003	D6013	D6005	D6000
BRPI AO range		D6016	D6012	D6010	D6008	D6004	D6014	D6006	—