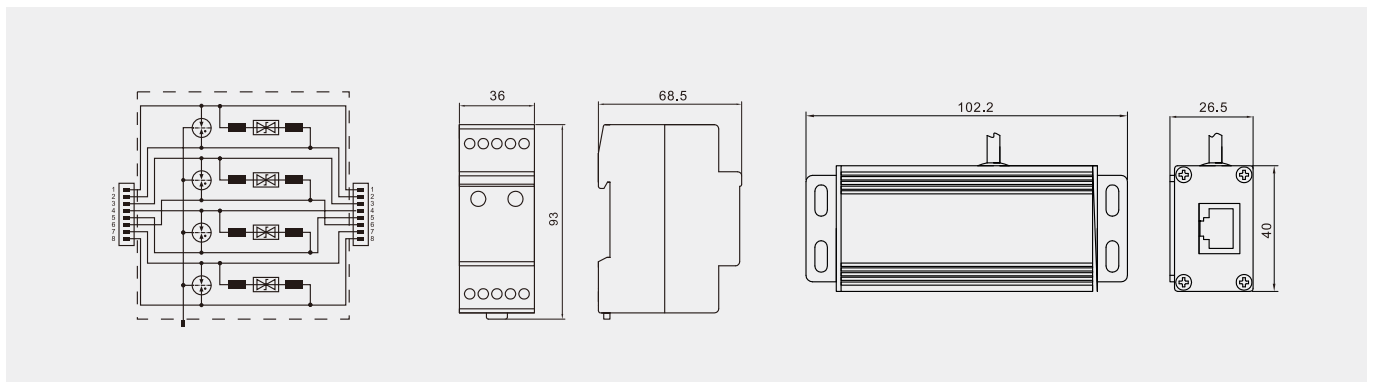


## SPDs for general BR-POE



		BR-POE-M	BR-POE-P
Test standards		IEC 61643-21	IEC 61643-21
SPD class		TYPE2 P1	TYPE2 P1
Nominal voltage	Un	48V	48V
Max. continuous operating d.c. voltage	Uc	48V	48V
Max. continuous operating a.c. voltage	Uc	34V	34V
Max. continuous operating d.c. voltage pair-pair(PoE)	Uc	57V	57V
Nominal current	IL	1A	1A
D1 Lightning impulse current (10/350 μs) per line	Iimp	0.5kA	0.5kA
C2 Nominal discharge current (8/20μs) line-line	In	150A	150A
C2 Nominal discharge current (8/20μs) line-PG	In	2.5kA	2.5kA
C2 Total nominal discharge current (8/20μs) line-PG	In	10kA	10kA
C2 Nominal discharge current (8/20μs) pair-pair(PoE)	In	150A	150A
Voltage protection level pair-pair for In C2	Up	≤ 180V	≤ 180V
Voltage protection level line-PG for In C2	Up	≤ 500V	≤ 500V
Voltage protection level line-line for In C2(PoE)	Up	≤ 600V	≤ 600V
Insertion loss at 250 MHz		≤ 3 dB	≤ 3 dB
Capacitance line-line	C	≤ 30 pF	≤ 30 pF
capacitance line-PG	C	≤ 25 pF	≤ 25 pF
Operating temperature range	Tu	-40°C...+80°C	-40°C...+80°C
For mounting on		35mm DIN rails acc. to EN 60715	35mm DIN rails acc. to EN 60715
Connection (input/output)		RJ45 socket/RJ45 socket	RJ45 socket/RJ45 socket
Pinning		1/2, 3/6, 4/5, 7/8	1/2, 3/6, 4/5, 7/8
Earthing via		35mm DIN rails acc. to EN 60715	35mm DIN rails acc. to EN 60715
Enclosure material		polyamide PA 6.6	
Degree of protection (plugged-in)		IP 10	IP 10
Order Code		D9160	D9161