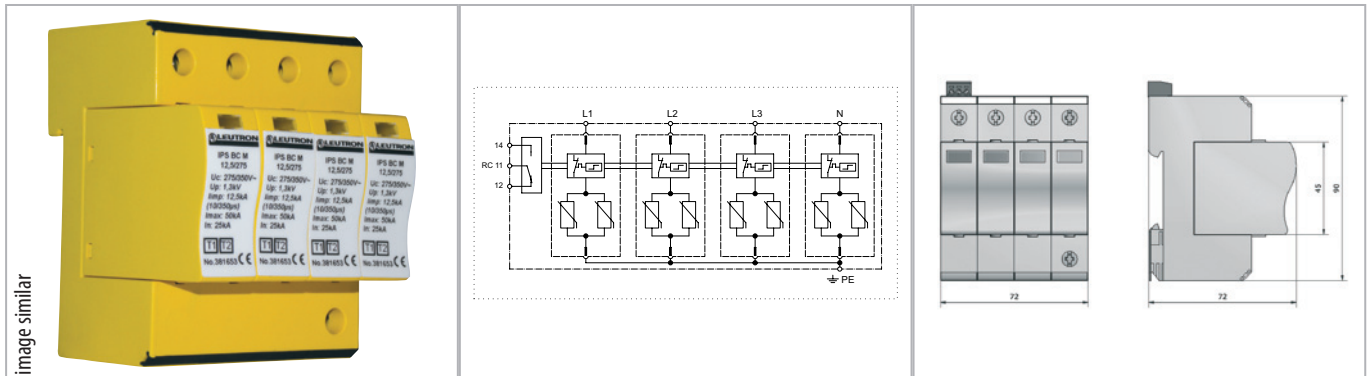


Datasheet

Surge protection for power supply systems AC

IsoPro pluggable



Four pole pluggable combined lightning and surge arrester class I+II, for example for 3-phase TN-S systems.

- High lightning impulse discharge current of 12.5 kA (10/350 μ s) per pole
- With remote signalling contact (FM)

Technical Data	IPS BC TNS 12.5/275/FM	
Nominal alternating voltage (50/60Hz)	UN	230 V~
Max. continuous operating voltage AC (50/60Hz)	Uc	275 V~
Max. continuous operating voltage DC	Uc	350 V
Nominal discharge current (8/20 μ s)	In	25 kA
Max. impulse discharge current (8/20 μ s)	I _{max}	50 kA
Lightning impulse current (10/350 μ s)	I _{imp}	12,5 kA
Lightning impulse current (10/350 μ s) L1+L2+L3+N-PE	I _{total}	50 kA
Protection level at In (8/20 μ s)	Up	< 1,4 kV
Protection level at 5 kA (8/20 μ s)	Up	< 1,0 kV
Response time	tA	< 25 ns
Max. allowed fuse or back-up fuse	IL	160 A gL/gG
Short-circuit withstand capability at max. back-up fuse	I _k	25 kA _{eff}
Operating temperature range	TU	-40 - + 80 °C
Max. conductor cross section		stranded 35/fine stranded 25
Max. connection torque for terminals		3,5 Nm
Degree of protection (IEC EN 60529)		IP 20
Enclosure material / colour		Thermoplastic UL 94-V0/yellow
Mounting on		35 mm DIN rail (DIN EN 50 022)
Dimension (1TE=18 mm)		4TE
FM contact / contact type		changeover contact

Order Data

Product	IPS BC TNS 12.5/275/FM
Article-No.	38 16 49