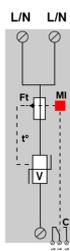
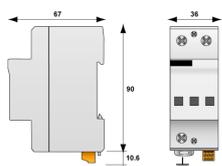




- ✦ Type 1 + 2 unipolar surge protector
- ✦ Iimp: 25 kA on 10/350µs impulse
- ✦ Imax: 140 kA on 8/20µs impulse
- ✦ Internal disconnections, status indicators
- ✦ Remote signaling
- ✦ IEC 61643-11, EN 61643-11 and UL1449 ed.5 compliance



V: High-energy varistor
 Ft: Thermal fuse
 C: Remote signal contact
 t*: Thermal disconnection system
 MI: Disconnection indicator

Electrical Characteristics		
SPD type	IEC	1+2
Network		230/400 V
Max. AC operating voltage	Uc	440 Vac
Max. load current if series connection	IL	100 A
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	770 Vac disconnection
Residual Current Leakage current to Ground	Ipe	< 3 mA
Follow current	If	None
Nominal discharge current 15 x 8/20 µs impulses	In	50 kA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	140 kA
Impulse current by pole max. withstand 10/350µs by pole	Iimp	25 kA
Specific energy by pole max. withstand 10/350 µs	W/R	156 kJ/ohm
Connection mode(s)		L/N or L/PE
Protection mode(s)		Common Mode or Differential Mode
Protection level @ In (8/20µs)	Up	2.5 kV
Residual voltage at 5 kA @ 5 kA (8/20µs)	Up-5kA	1.5 kV
Admissible short-circuit current	Iscsr	50 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		Single phase
Connection to Network		By screw terminals: 6-35mm ² / by bus
Format		1-pole modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		3 mechanical indicators
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
Weight		0.341 kg
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuses type gG - 315 A
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		
Part number		
3731		