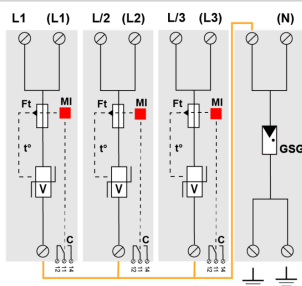
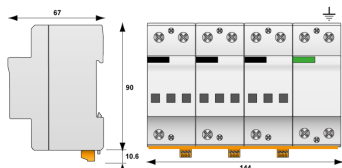




- ✦ Type 1 + 2 unipolar surge protector
- ✦ Iimp total: 100 kA on 10/350µs impulse
- ✦ I_{max} : 140 kA on 8/20µs impulse
- ✦ Internal disconnections, status indicators
- ✦ Remote signaling
- ✦ IEC 61643-11, EN 61643-11 and UL1449 ed.5 compliance



V: High-energy varistor
 GSG: Specific gas tube
 Ft: Thermal fuse
 C: Remote signaling contact
 t*: Thermal disconnection system
 MI: Disconnection indicator

Electrical Characteristics

SPD type	IEC	1+2
Network		230/400 V 3-phase+N
AC system		TT-TNS
Nominal line voltage	Un	230/400 Vac
Max. AC operating voltage	Uc	330 Vac
Max. load current if series connection	IL	100 A
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	440 Vac disconnection
Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection	UT	1200 V/300A/200 ms withstand
Residual Current Leakage current to Ground	I _{pe}	None
Follow current	I _f	None
Nominal discharge current 15 x 8/20 µs impulses	I _n	70 kA
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	140 kA
Impulse current by pole max. withstand 10/350µs by pole	I _{imp}	25 kA
Total lightning current max. total withstand @ 10/350µs	I _{total}	100 kA
Specific energy by pole max. withstand 10/350 µs	W/R	156 kJ/ohm
Connection mode(s)		L/N and N/PE
Protection mode(s)		Common/Differential mode
Protection level L/N @ I _n (8/20µs)	Up L/N	2.5 kV
Protection level N/PE @ I _n (8/20µs)	Up N/PE	1.5 kV
Admissible short-circuit current	I _{scrc}	50 000 A

Mechanical Characteristics

Technology		MOV
SPD configuration		3-phase+Neutral
Connection to Network		By screw terminals: 6-35mm ² / by bus
Format		1-pole modular box assembled
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 by pole
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
Weight		1.183 kg

Disconnectors

Thermal disconnecter		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuse assembly: SFD1-25S-31 / or Fuses Type gG 315 A

Standards

Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		

Part number

3411