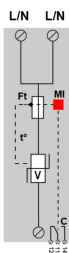
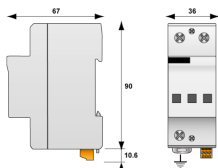


DS250E-300



- ✦ 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	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	
Residual Current Leakage current to Ground	Ipe	< 3 mA	
Follow current	If	None	
Nominal discharge current 15 x 8/20 µs impulses	In	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	
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 kV	
Admissible short-circuit current	I _{scr}	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		0.32 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			
2730			