



Type 1+2 AC surge protector - 3-phase

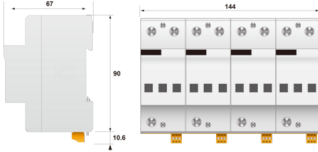
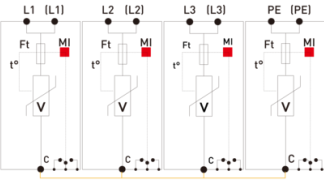
CITEL

DS253E-690/WD



- Type 1+2 surge protector
- For 400/690 V network
- In: 35 kA
- Iimp: 25 kA
- Low voltage Up
- Internal disconnection, status indicator
- Remote signaling
- IEC 61643-11, EN 61643-11 and UL1449 ed.5 compliance



	Electrical Characteristics	
	SPD type	1+2
	Network	400/690 V
	Nominal line voltage	Un 690 Vac
	Max. AC operating voltage	Uc 760 Vac
	Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 1160 Vac withstand
	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 1540 Vac withstand
	Residual Current Leakage current to Ground	Ipe None
	Follow current	If None
	Nominal discharge current 15 x 8/20 μs impulses	In 35 kA
	Max. discharge current max. withstand @ 8/20 μs by pole	Imax 140 kA
	Impulse current by pole max. withstand 10/350 μs by pole	Iimp 25 kA
	Specific energy by pole max. withstand 10/350 μs	W/R 156 kJ/ohm
	Connection mode(s)	L/PE
	Protection mode(s)	Common Mode or Differential Mode
	Protection level L/PE @ In (8/20 μs)	Up L/PE 3.0 kV
	Admissible short-circuit current	Iscrr 50 000 A
 <p>V: High-energy varistor GSG: Specific gas tube Ft: Thermal fuse C: Remote signaling contact t*: Thermal disconnection system MI: Disconnection indicator</p>	Mechanical Characteristics	
	Technology	MOV
	SPD configuration	3+1-Y diagram
	Connection to Network	By screw: 6-35mm ² (50mm ² flexible)
	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	4 mechanical indicators
	Remote signaling of disconnection	Output on changeover contact
	Dimensions	See diagram
Disconnectors		
	Thermal disconnector	Internal
	Installation ground fault breaker	Type 'S' or delayed
	Back-up protection device	Fuses Type gG - 125 A
Standards		
	Standards compliance	IEC 61643-11 / EN 61643-11
	Certification	
Part number		
	30143625	

