

Type 1 + 2 + 3 Surge Protector for 690 Vac network DS250VG-690



CITEL

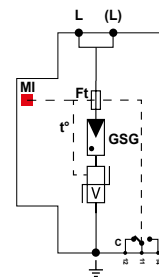
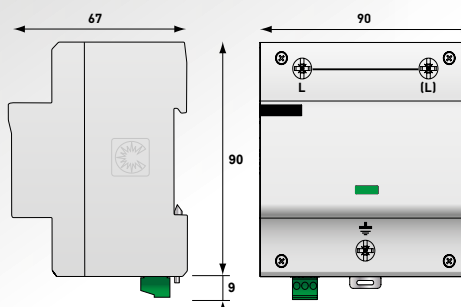
**limp
25 kA**



DS250VG-690



DS253VG-690



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

- **Type 1 + 2 + 3 surge protector**
- **In : 30 kA**
- **limp : 25 kA**
- **Low voltage Up**
- **Internal disconnection, status indicator and remote signaling**
- **EN 61643-11, IEC 61643-11 and UL1449 ed.4 compliance**

Characteristics

CITEL Model		DS250VG-690	DS253VG-690
Description		Type 1+2+3 AC surge protector - 1-pole	Type 1+2+3 AC surge protector - 3-phase
Network		400/690 V	400/690 V 3-phase
AC system		-	TNC/IT
Max. AC operating voltage	Uc	440 Vac	760 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec.	UT	1050 Vac withstand	1050 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn	UT	1350 Vac withstand	1350 Vac withstand
Residual current - Leakage current at Uc	Ipe	None	None
Max. Load current (if connection serie)	IL	100 A	100 A
Follow current	If	None	None
Nominal discharge current - 15 x 8/20 µs impulses	In	30 kA	30 kA
Max. discharge current - max. withstand @ 8/20 µs by pole	Imax	100 kA	100 kA
Impulse current by pole - max. withstand 10/350µs	limp	25 kA	25 kA
Specific energy by pole	W/R	156 kJ/ohm	156 kJ/ohm
Total lightning current - max. total withstand @ 10/350 µs	Itotal	NA	75 kA
Withstand on Combination waveform - Class III test	Uoc	6 kV	6 kV
Protection level @ In	Up-in	4 kV	4 kV
Protection level	Up	4 kV	4 kV
Admissible short-circuit current	Iscrr	50000 A	50000 A
Associated disconnectors			
Thermal disconnector		internal	
Fuses		Fuses type gG - 315 A	
Installation ground fault breaker		Type «S» or delayed	
Mechanical characteristics			
Dimensions		see diagram	
Connection to Network		By screw : 6-35 mm² (50mm² flexible)	
Disconnection indicator		1 mechanical indicator	1 mechanical indicator by pole
Remote signaling of disconnection		output on changeover contact	
Mounting		Symmetrical rail 35 mm (EN60715)	
Operating temperature		-40/+85°C	
Protection rating		IP20	
Housing material		Thermoplastic UL94-V0	
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.4	
Certification		EAC	
Part number		63162	3957

