



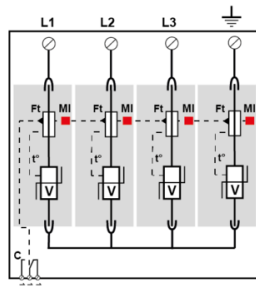
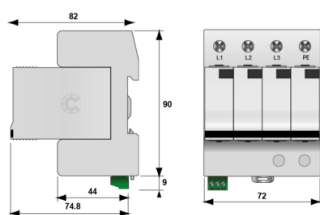
Type 1+2 AC surge protector 3-phase IT system

AC POWER

CITEL DS133RS-800/Y



- Type 1 + 2, 3-Phase AC surge protector
- up to 800 Vac
- PV inverter application: Max DC voltage L/PE = 1200 Vdc
- Iimp : 12.5 kA
- Pluggable module
- Remote signaling
- EN 61643-11, IEC 61643-11 compliance



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

Electrical Characteristics

SPD type (following IEC tests)		1+2
Network		Up to 800 Vac
AC system		IT-TN
Max. AC operating voltage	Uc	880 Vac
Residual Current (Leakage current to Ground)	Ipe	< 1 mA
Follow current	If	None
Nominal discharge current (15 x 8/20 μs impulses)	In	20 kA
Max. discharge current (max. withstand @ 8/20 μs by pole)	I _{max}	50 kA
Impulse current by pole (max. withstand 10/350 μs by pole)	I _{imp}	12.5 kA
Specific energy by pole (max. withstand 10/350 μs)	W/R	40 kJ/ohm
Connection mode(s)		L/PE
Protection level L/PE (@ In (8/20 μs))	Up L/PE	3.4 kV
Admissible short-circuit current	I _{sc}	25000 A

Mechanical Characteristics

Technology		MOV
SPD configuration		3-phase
Connection to Network		By screw terminals: 2.5-25 mm ² / by bus
Format		Plug-in 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
Disconnection indicator		1 mechanical indicator by pole
Spare module(s)		DSM130R-800/Y
Remote signaling of disconnection		output on changeover contact
Dimensions		See diagram
Weight		0.426 kg

Disconnectors

Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		Fuses Type gG - 125 A

Standards

Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.4
Certification		EAC

Part number

573414

