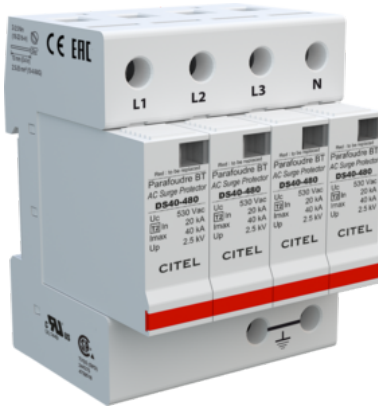




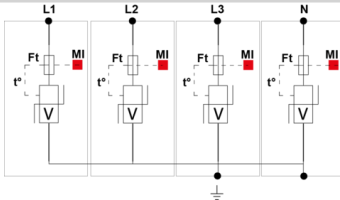
Type 2 AC surge protector - 3-phase+N

CITEL

DS44-480



- Discover our latest innovation : the [DAC50-40-530](#)
- Type 2 AC Multipolar surge protector
- I_n : 20 kA
- I_{max} total : 160 kA
- Pluggable module for each phase
- Remote signaling option
- NF EN 61643-11, IEC 61643-11 compliance
- UL1449 ed.5



V: High-energy varistor
 Ft: Thermal fuse
 t*: Thermal disconnection system
 MI: Disconnection indicator

Electrical Characteristics		
SPD type	IEC	2
Network		277/480 V 3-phase+N
AC system		TNS-IT
Nominal line voltage	U_n	480 Vac
Max. AC operating voltage	U_c	530 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	700 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	920 Vac disconnection
Residual Current <i>Leakage current to Ground</i>	I_{pe}	< 1 mA
Follow current	I_f	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	I_n	20 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I_{max}	40 kA
Connection mode(s)		L/PE and N/PE
Protection mode(s)		Common mode
Protection level <i>@ I_n (8/20μs)</i>	U_p	2.5 kV
Protection level N/PE <i>@ I_n (8/20μs)</i>	U_p N/PE	2.5 kV
Protection level L/PE <i>@ I_n (8/20μs)</i>	U_p L/PE	2.5 kV
Admissible short-circuit current	I_{scrr}	25 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		3-phase+Neutral
Connection to Network		By screw terminals: 2.5-25mm ² / by bus
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	T_u	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		1 mechanical indicator by pole
Spare module(s)		DSM40-480
Remote signaling of disconnection		option: DS44S-480 - output on changeover contact
Weight		0.405 kg
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuses type gG - 50 A
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		UL Listed
Part number		
461006		

