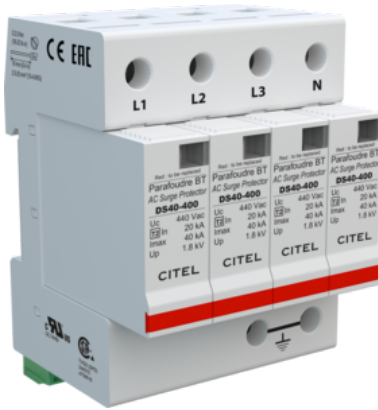


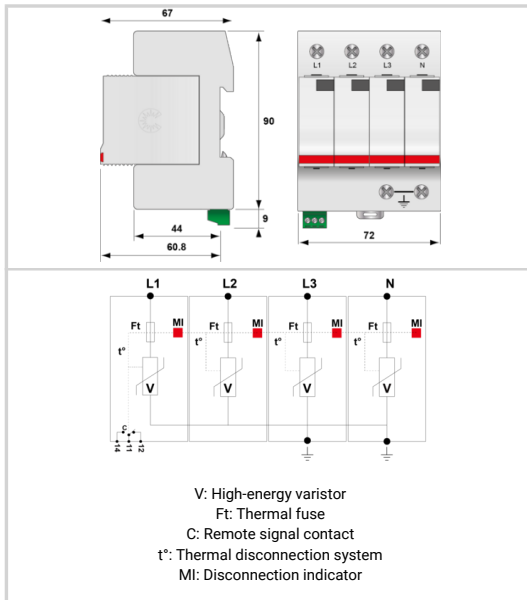


Type 2 AC surge protector - 3-phase+N

CITEL DS44S-400



- Discover our latest innovation : the [DAC50S-40-440](#)
- Type 2 AC Multipolar surge protector
- In 20 kA
- I_{max} total: 160 kA
- Pluggable module for each phase
- Remote signaling option
- EN 61643-11, IEC 61643-11, UL1449 ed.5



Electrical Characteristics	
Network	230/400 V 3-phase+N
AC system	TT-TNS
Nominal line voltage	U _n 230/400 Vac
Max. AC operating voltage	U _c 440 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT 580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT 770 Vac disconnection
Residual Current <i>Leakage current to Ground</i>	I _{pe} < 2 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
Residual voltage at 5 kA <i>@ 5 kA (8/20μs)</i>	U _{p-5kA} 1.3 kV
Protection level N/PE <i>@ I_n (8/20μs)</i>	U _{p N/PE} 1.8 kV
Protection level L/PE <i>@ I_n (8/20μs)</i>	U _{p L/PE} 1.8 kV
Admissible short-circuit current	I _{scsr} 25 000 A
Mechanical Characteristics	
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)	DSM40-400
Remote signaling of disconnection	Output on changeover contact
Disconnectors	
Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Back-up protection device	Fuses type gG - 50 A
Standards	
Certification	UL / CSA / TUV Süd
Part number	
461422	

