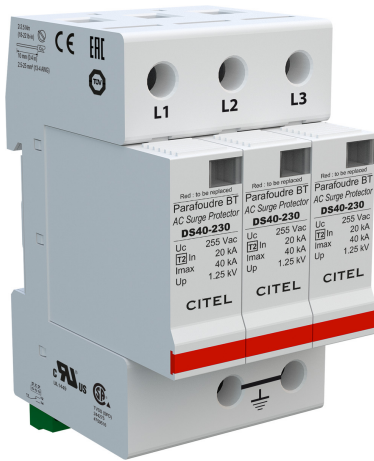




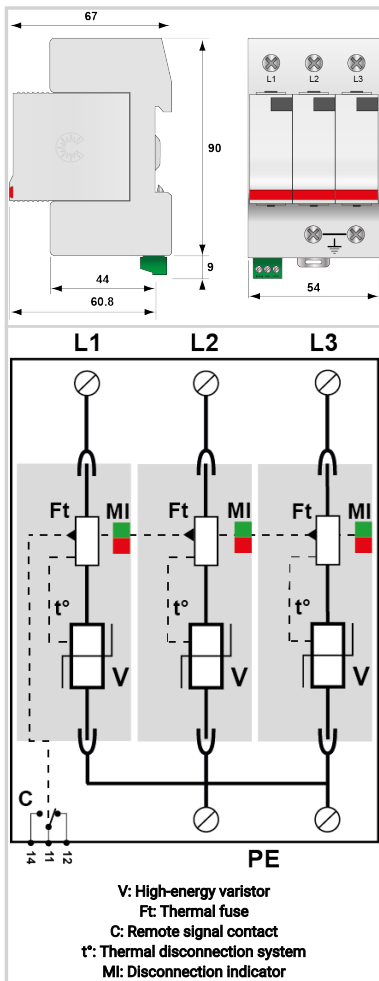
# CITEL

## Type 2 AC surge protector - 3-phase

### DS43S-230



- Discover our latest innovation : the [DAC50S-30-275](#)
- Type 2 AC Multipolar surge protector
- In: 20 kA
- I<sub>max</sub> total: 120 kA
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11, UL1449 ed.5



#### Electrical Characteristics

SPD type	IEC	2
Network		230/400 V 3-phase
AC system		TNC
Nominal line voltage	Un	230 Vac
Max. AC operating voltage	Uc	255 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	440 Vac disconnection
Residual Current	I <sub>pe</sub>	< 1.5 mA
Leakage current to Ground		
Follow current	I <sub>f</sub>	None
Nominal discharge current 15 x 8/20 μs impulses	I <sub>n</sub>	20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	40 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	I <sub>max</sub> Total	160 kA
Connection mode(s)		L/PE
Protection mode(s)		Common mode
Residual voltage at 5 kA @ 5 kA (8/20 μs)	U <sub>p-5kA</sub>	0.9 kV
Protection level L/PE @ I <sub>n</sub> (8/20 μs)	U <sub>p</sub> L/PE	1.25 kV
Admissible short-circuit current	I <sub>scrr</sub>	25 000 A

#### Mechanical Characteristics

Technology		MOV
SPD configuration		3-phase
Connection to Network		By screw terminals: 2.5-25mm <sup>2</sup> / 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 from AC network
Disconnection indicator		1 mechanical indicator by pole
Spare module(s)		DSM40-230
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
Weight		0.267 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		cRUus
Environmental standards		EU RoHS

#### Part number

**461523**

