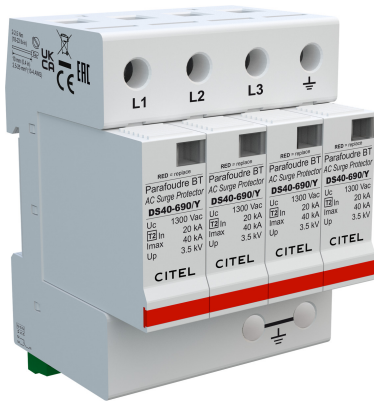




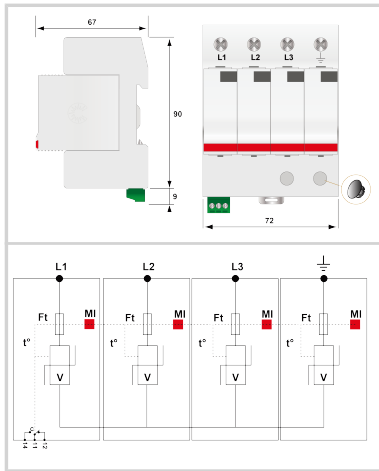
# CITEL

## Type 2 AC surge protector - 4-phase

### DS44S-690/Y



- Type 2 surge protector for 690 Vac, 3-phase
- In : 20 kA
- I<sub>max</sub> : 40 kA
- Pluggable module for each phase, assembled by four single module
- Remote signaling
- NF EN 61643-11, IEC 61643-11, GB/T 18802.1 compliance
- UL1449 ed.11



#### Electrical Characteristics

SPD type	IEC	2
Network		690 V 3-phase+N
Nominal line voltage	U <sub>n</sub>	690 Vac
Max. AC operating voltage	U <sub>c</sub>	1300 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	1000 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	1325 Vac disconnection
Follow current	I <sub>f</sub>	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	I <sub>n</sub>	20 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub>	40 kA
Connection mode(s)		L/PE
Protection mode(s)		Common mode
Protection level L/PE <i>@ I<sub>n</sub> (8/20μs)</i>	U <sub>p</sub> L/PE	3.5 kV
Admissible short-circuit current	I <sub>sc</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	T <sub>u</sub>	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		1 mechanical indicator by pole
Spare module(s)		DSM40-690
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
Weight		0.443 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		CSA / UL Listed
Environmental standards		EU RoHS

#### Part number

**461826**

