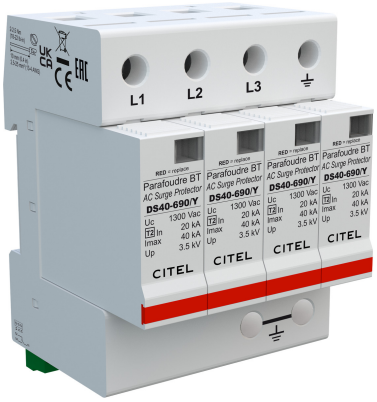
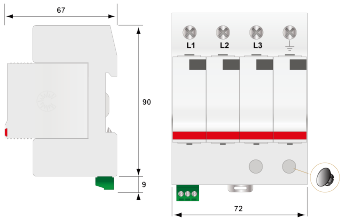
Type 2 AC surge protector - 4-phase

DS44S-690/Y



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



Electrical Characteristics		
SPD type	IEC	2
Network		690 V 3-phase+N
Nominal line voltage	Un	690 Vac
Max. AC operating voltage	Uc	1300 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. *Without disconnection*	UT	1000 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn *Without disconnection or with safety disconnection*	UT	1325 Vac disconnection
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*	Imax	40 kA
Connection mode(s)		L/PE
Protection mode(s)		Common mode
Protection level L/PE *@ In (8/20µs)*	Up L/PE	3.5 kV
Admissible short-circuit current	Isccr	25 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		3-phase
Connection to Network		By screw terminals: 2.5-25mm² / 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)		DSM40-690
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		