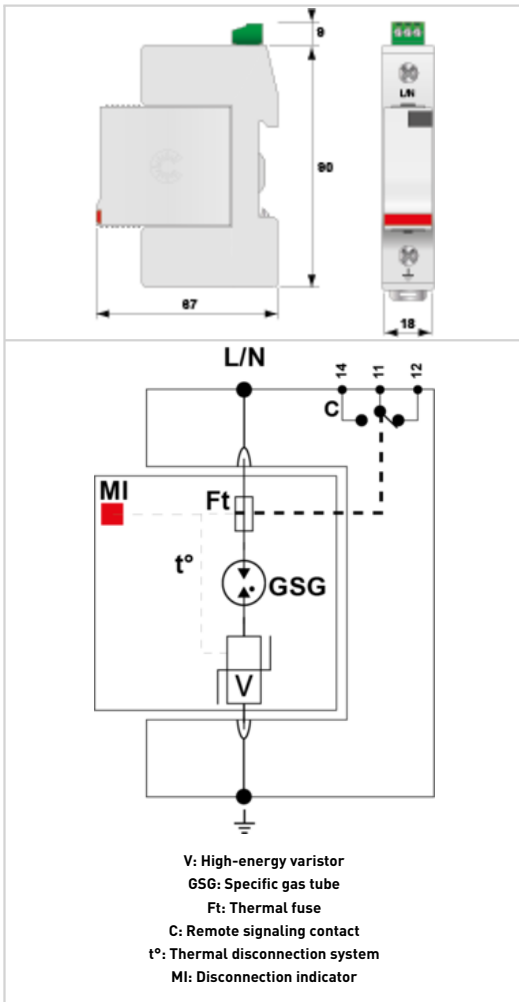
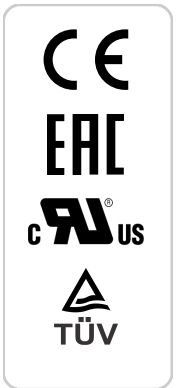


DS41VGS-120



- ✦ Type 2 + 3 AC surge protector
- ✦ In : 20 kA
- ✦ I_{max} : 40 kA
- ✦ Pluggable module
- ✦ Follow and operating current : none
- ✦ No ageing
- ✦ remote signaling state
- ✦ Optimized to TOV
- ✦ EN 61643-11, CEI 61643-11, UL1449 ed.3 compliance



Electrical Characteristics		
SPD type (following IEC tests)		2+3
Network		120/208 V
Max. AC operating voltage L-N	U _c	150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. (Without disconnection)	UT	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn (Without disconnection or with safety disconnection)	UT	230 Vac withstand
Residual Current(Leakage current to Ground)	I _{pe}	None
Operating current(Continuous current at U _c)	I _c	None
Follow current	I _f	None
Nominal discharge current (15 x 8/20 μs impulses)	I _n	20 kA
Max. discharge current(max. withstand @ 8/20 μs by pole)	I _{max}	40 kA
Withstand on Combination waveform IEC 61643-11 (Class III test: 1.2/50μs - 8/20μs)	U _{oc}	6 kV
Withstand on overvoltages IEEE C62.41.1		20 kV
Connection mode(s)		L/N or N/PE
Protection mode(s)		Common Mode or Differential Mode
Residual voltage (@ I _n (8/20 μs))	U _{p-in}	0.6 kV
Protection level L/PE(@ I _n (8/20μs))	U _{p L/PE}	1.25 kV
Admissible short-circuit current	I _{scrr}	25000 A
Mechanical Characteristics		
Technology		VG
SPD configuration		1-pole
Connection to Network		By screw terminals: 2.5-25 mm ² / by bus
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (DIN 60715)
Housing material		Thermoplastic UL94-V0
Operating temperature	T _u	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection
Disconnection indicator		1 mechanical indicator
Spare module(s)		DSM40VG-120
Remote signaling of disconnection		Output on changeover contact
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		Fuses type gG - 50 A
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 4ed.
Certification		UL / EAC / TÜV
Part number		
331671		