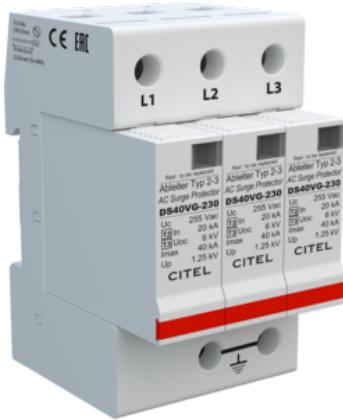


DS43VG-230



- » Type 2 + 3 AC Multipolar surge protector
- » In : 20 kA
- » Imax total: 120 kA
- » Pluggable module
- » Follow and operating current : none
- » No ageing
- » Optional remote signaling state
- » Optimized to TOV
- » EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance

	Electrical Characteristics	
	SPD type	2+3
	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 withstand
	Residual Current Leakage current to Ground	Ipe None
	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
	Total Maximum discharge current max. total withstand @ 8/20 µs	Imax Total 120 kA
	Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc 6 kV
	Withstand on overvoltages IEEE C62.41.1	20 kV
	Connection mode(s)	L/PE
	Protection mode(s)	Common mode/Differential mode
	Residual voltage @ In (8/20 µs)	Up-in 0.8 kV
	Protection level L/PE @ In (8/20µs)	Up L/PE 1.25 kV
	Admissible short-circuit current	Isccr 25 000 A
Mechanical Characteristics		
	Technology	VG Technology (MOV+GSG)
	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)	DSM40VG-230
	Remote signaling of disconnection	option DS43VGS-230 : output on changeover contact
	Dimensions	See diagram
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	UL Recognized
Part number		
461553		

V: High-energy varistor	
GSG: Specific Gas Tube	
Ft: Thermal fuse	
t°: Thermal disconnection system	
MI: Disconnection indicator	
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