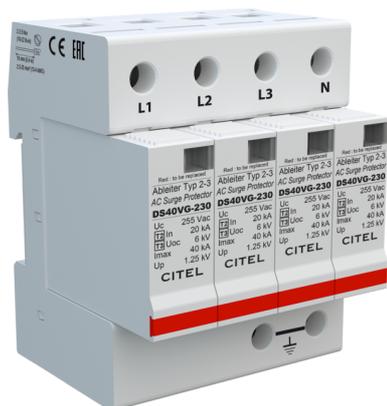
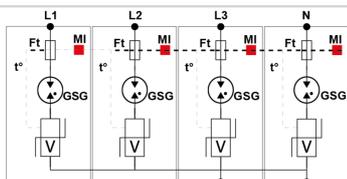


### DS44VG-230



- Discover our latest innovation : the [DAC50VG-40-275](#)
- Type 2 + 3 AC Multipolar surge protector
- In : 20 kA
- I<sub>max</sub> total: 160 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



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

Electrical Characteristics			
SPD type	IEC	2+3	
Network	230/400 V 3-phase+N		
AC system	TNS		
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	I <sub>max</sub>	40 kA	
Total Maximum discharge current max. total withstand @ 8/20 μs	I <sub>max</sub> Total	160 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 and N/PE		
Protection mode(s)	Common 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	I <sub>scrr</sub>	25 000 A	
Mechanical Characteristics			
Technology	VG Technology (MOV+GSG)		
SPD configuration	3-phase+Neutral		
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)	DSM40VG-230		
Remote signaling of disconnection	option DS44VG-230 : output on changeover contact		
Dimensions	See diagram		
Disconnectors			
Thermal disconnector	Internal		
Installation ground fault breaker	Type 'S' or delayed		
Back-up protection device	50 A min. - 125 A max. - Fuses Type gG		
Standards			
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5		
Certification	UL Recognized		
Part number			
461552			