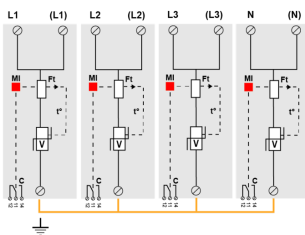
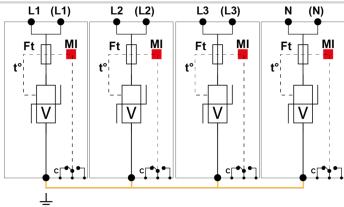


DS504E-230



- Type 1 + 2 multipolar AC surge protector
- Iimp total : 200 kA (10/350µs impulse)
- Imax : 150 kA (8/20µs impulse)
- Internal disconnections, status indicator and remote signaling
- Conforme NF EN 61643-11, IEC 61643-11, UL1449 ed.5



V: High-energy varistor
 Ft: Thermal fuse
 C: Remote signal contact
 t*: Thermal disconnection system
 MI: Disconnection indicator

Electrical Characteristics			
SPD type	IEC	1+2	
Network		230/400 V 3-phase+N	
AC system		TNS	
Nominal line voltage	Un	230 Vac	
Max. AC operating voltage	Uc	255 Vac	
Max. load current if series connection	IL	100 A	
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 disconnection	
Follow current	If	None	
Nominal discharge current 15 x 8/20 µs impulses	In	50 kA	
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	200 kA	
Impulse current by pole max. withstand 10/350µs by pole	I _{imp}	50 kA	
Total lightning current max. total withstand @ 10/350µs	I _{total}	200 kA	
Specific energy by pole max. withstand 10/350 µs	W/R	156 kJ/ohm	
Connection mode(s)		L/PE and N/PE	
Protection mode(s)		Common mode	
Protection level N/PE @ In (8/20µs)	Up N/PE	1.8 kV	
Protection level L/PE @ In (8/20µs)	Up L/PE	1.8 kV	
Admissible short-circuit current	I _{sc}	50 000 A	
Mechanical Characteristics			
Technology		MOV	
SPD configuration		3-phase	
Connection to Network		By screw terminals: 6-35mm ² / by bus	
Format		1-pole modular box assembled	
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	
Remote signaling of disconnection		Output on changeover contact	
Dimensions		See diagram	
Weight		2.500 kg	
Disconnectors			
Thermal disconnector		Internal	
Installation ground fault breaker		Type 'S' or delayed	
Back-up protection device		Fuses Type gG - 500 A	
Standards			
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification			
Part number			
64021			

