



# CITEL

## Type 2 AC surge protector - 3-phase+N

### DSM40G-600



- Type 2 AC Multipolar surge protector
- In : 20 kA
- I<sub>max</sub> total : 40 kA
- Pluggable module for each phase
- Remote signaling
- NF EN 61643-11, IEC 61643-11 compliance
- UL1449 ed.5



Electrical Characteristics		
SPD type		2
Network		347/600 V 3-phase+N
AC system		TT-TNS
Nominal line voltage	Un	600 Vac
Max. AC operating voltage	Uc	660 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	870 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	1150 Vac disconnection
Temporary Over Voltage N/PE (TOV HT) <i>Without disconnection or with safety disconnection</i>	UT	1200 V/300A/200 ms withstand
Residual Current <i>Leakage current to Ground</i>	I <sub>pe</sub>	None
Follow current	I <sub>f</sub>	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	I <sub>n</sub>	20 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub>	40 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	I <sub>max</sub> Total	40 kA
Connection mode(s)		L/N and N/PE
Protection mode(s)		Common/Differential mode
Residual voltage at 5 kA <i>@ 5 kA (8/20 μs)</i>	Up-5kA	2.5 kV
Protection level L/N <i>@ In (8/20 μs)</i>	Up L/N	3.2 kV
Protection level N/PE <i>@ In (8/20 μs)</i>	Up N/PE	1.5 kV
Admissible short-circuit current	I <sub>sc</sub>	25 000 A
Mechanical Characteristics		
Technology		MOV+GDT
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)		DSM40-600+DSM40G-600
Remote signaling of disconnection		Output on changeover contact
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
Part number		
<b>341100</b>		

