



# CITEL

## Type 2 N/PE surge protector

### DS40G-600



- Discover our latest innovation : the [DAC50G-10-440](#)
- Type 2 AC Multipolar surge protector
- In : 20 kA
- I<sub>max</sub> total : 40 kA
- Pluggable module for each phase
- Remote signaling option
- EN 61643-11, IEC 61643-11 compliance
- UL1449 ed.5



	<b>Electrical Characteristics</b>	
	SPD type	2
<p>GSG: Gas filled Spark Gap</p>	Network	230/400 V
	Max. AC operating voltage	U <sub>c</sub> 255 Vac
	Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT 335 Vac withstand
	Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT 440 Vac withstand
	Residual Current <i>Leakage current to Ground</i>	I <sub>pe</sub> None
	Follow current	I <sub>f</sub> Yes
	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
	Protection level <i>@ I<sub>n</sub> (8/20 μs)</i>	U <sub>p</sub> 1.5 kV
	Admissible short-circuit current	I <sub>sc</sub> 25 000 A
<b>Mechanical Characteristics</b>		
Technology	Gas discharge tube	
Connection to Network	By screw terminals: 4-25mm <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	T <sub>u</sub> -40/+85°C	
Protection rating	IP20	
Failsafe mode	Disconnection from AC network	
Spare module(s)	DSM40G-600	
Dimensions	See diagram	
<b>Disconnectors</b>		
Thermal disconnecter	Internal	
Installation ground fault breaker	Type 'S' or delayed	
Back-up protection device	Fuses type gG - 50 A	
<b>Standards</b>		
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification	UL Recognized	
<b>Part number</b>		
381813		

