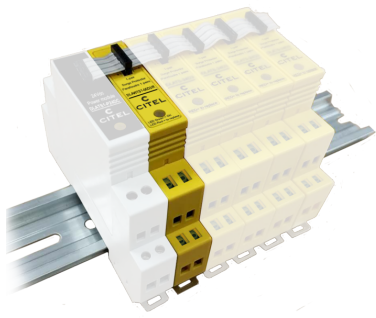
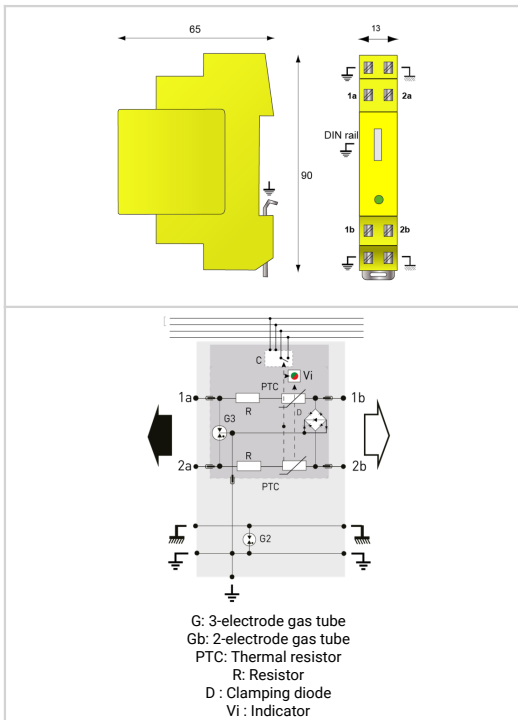


DLAWTS1-06D3/R



- ✦ Surge protection for 1-pair
- ✦ Pluggable protection module
- ✦ Optical fault indication
- ✦ Remote signalling (DLAWTS1-48DC required for power supply)
- ✦ Indirect shield connection
- ✦ Indirect earthing
- ✦ Signal interruption when module is disconnected
- ✦ Conforms to IEC 61643-21, VDE 0845-3-1 and UL497B



Electrical Characteristics	
Network	RS422
Nominal line voltage	Un 6 V
Max. DC operating voltage	Uc 8 Vdc
Max. frequency	f max. 3 MHz
Insertion loss	< 1 dB
Max. load current @25°C	IL 300 mA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max} 20 kA
Nominal discharge current C2 Category	I _n 5 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20μs Test x 10 - C2 Category	I _n L/PE 5 kA
Protection mode(s)	Common/Differential mode
Protection Level C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)	Up 20 V
Protection Level C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)	Up 20 V
Max. capacitance	C < 50 pF
Impulse current 2 x 10/350μs Test - D1 Category	I _{imp} 5 kA
Line/Line Nominal discharge current C2 Category	I _n L/L 5 kA
Line resistance (± 10%)	4.7 Ohm
Mechanical Characteristics	
Technology	GDT+Clamping diode+PTC (thermal resistor) + Resistor
SPD configuration	1-pair+shielded
Connection to Network	Spring terminal: cross section 0.5-2.5mm ²
Format	Plug-in DIN 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	Specific version with line cut-off in case of removal plug-in module
With line cut-off in case of removal plug-in module	Yes
Disconnection indicator	Red light on
Spare module(s)	DLAWTS1M-06D3
Remote signaling of disconnection	Trough control module
Connection bus	SPD connection/control module by bus: bus 1+4 (1control module+4 SPD), bus 1+9, bus 1+24 and bus 1+48
Dimensions	See diagram
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B
Part number	
6421014	