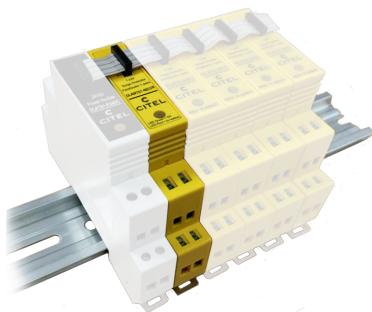




CITEL

1-pair DIN rail plug-in Data surge protector

DLAWTS1-48D3/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	RNIS-T0, 48 V line
Nominal line voltage	Un 48 V
Max. AC operating voltage	Uc 37 Vac
Max. DC operating voltage	Uc 53 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
Line inductance (± 10 %)	non
Protection mode(s)	Common/Differential mode
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up 70 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up 70 V
Max. capacitance	C < 50 pF
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp} 5 kA
Nominal discharge current C2 Category	I _n 5 kA
Line/Line Nominal discharge current C2 Category	I _{n L/L} 5 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	I _{n L/PE} 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	T _u -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-48D3
Remote signalling of disconnection	Trough control module
Dimensions	See diagram
Weight	0.063 kg
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B
Part number	6421044

