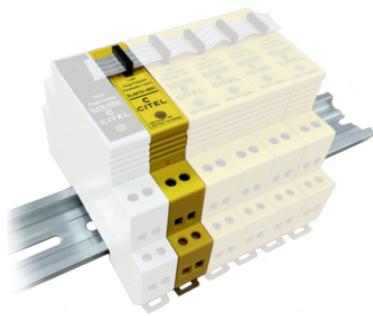


DLAWTS1-48D3



- 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 UL497A

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	IL	300 mA
Max. discharge current <i>max. withstand @ 8/20 µs by pole</i>	I _{max}	20 kA
Line inductance		No
Protection mode(s)	Common/Differential mode	
Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i>	Up	70 V
Max. capacitance	C	< 50 pF
Impulse current <i>2 x 10/350µs Test - D1 Category</i>	I _{imp}	5 kA
Nominal discharge current <i>C2 Category</i>	I _n	5 kA
Line/Line Nominal discharge current <i>C2 Category</i>	I _{n L/L}	5 kA
Line/Ground Nominal discharge current <i>8/20µs Test x 10 - C2 Category</i>	I _{n L/PE}	5 kA
Mechanical Characteristics		
Technology	GDT+Clamping diode+PTC (thermal resistor) + Resistor	
SPD configuration	1-pair+shielded	
Connection to Network	By screw 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-48D3	
Remote signaling of disconnection	Through control module	
Dimensions	See diagram	
Standards	IEC 61643-21 / EN 61643-21 / UL497A	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A	
Part number	6421041	

Connection ribbons available:

Nb of pole	Ref. Ribbon
2 - 5	R-BUS 5P (301134)
6 - 10	R-BUS 10P (301133)
11 - 25	R-BUS 25P (301135)
26 - 49	R-BUS 49P (301143)

