



1-pair DIN rail plug-in Data surge protector

CITEL

DLAW-48D3



- ▷ Din rail plug-in surge protector
- ▷ 1-pair
- ▷ Un: 48 V
- ▷ Shield wire protection
- ▷ Plug-out with line cut-off
- ▷ EN 61643-21 compliance
- ▷ UL497A



	Electrical Characteristics	
	Network	RNIS-T0, 48 V line
<p>G: 3-electrode gas tube Gb: 2-electrode gas tube R: Resistor D: Clamping diode</p>	Nominal line voltage	Un 48 V
	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	No
	Protection level Following the test category C3 (IEC61643-21) - Line/Line	Up 70 V
	Impulse current 2 x 10/350 μs Test - D1 Category	I _{imp} 5 kA
	Line/Line Nominal discharge current C2 Category	I _{n L/L} 5 kA
	Nominal Discharge Current, X-C (Line/Earth) 8/20 μs Test x 10 - C2 Category	I _{n L/PE} 5 kA
	Line resistance	< 4.7 Ohm
Mechanical Characteristics		
Disconnection	Specific version with line cut-off in case of removal plug-in module	
Technology	GDT+Clamping diode	
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	Short-circuit	
With line cut-off in case of removal plug-in module	Yes	
Disconnection indicator	Transmission interrupt - default mode 2	
Spare module(s)	DLAM-48D3	
Dimensions	See diagram	
Standards		
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A	
Part number		
640804		

