



### DLAS-48D3



- Hybrid SAD-GDT Technology
- UL497B LISTED
- 20kA I<sub>max</sub> (1x 8/20us)
- 5kA I<sub>mp</sub> (2x 10/350us)
- 5kA I<sub>n</sub> (10x 8/20us)
- Modular with Fault Indicator
- 2W+SHIELD+G
- Common/Differential Mode Protection

Electrical Characteristics		
Network		RNIS-T0, 48 V line
Max. DC operating voltage	U <sub>c</sub>	53 Vdc
Max. frequency	f max.	> 3 MHz
Nominal Discharge Current, X-C (Line/Earth) 8/20μs Test x 10 - C2 Category	I <sub>n</sub> L/PE	5 kA
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	48
WIRES		RJ11 Connector
LINE CURRENT MAX	(A)	0.3
AMBIENT MIN	(C)	-50
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	70
MCOV	(V)	60/72/72
I <sub>MAX</sub> 8/20μs	(kA)	20
I <sub>imp</sub> 10/350μs	(kA)	5
DATA SPEED	(Mbps)	up to 10MHz
INSERTION LOSS (@ FREQ)	(db)	< 1
CAPACITANCE	(pF)	< 50
Mechanical Characteristics		
Technology		GDT+Clamping diode+PTC (thermal resistor)
Connection to Network		By screw terminal: cross section 0.5-2.5mm <sup>2</sup>
Format		Plug-in DIN box
Failsafe mode		Short-circuit - transmission cut-off - fault mode 3
TECHNOLOGY		SAD-GDT
NETWORK CONFIGURATION		1 pair
CONNECTION METHOD		RJ11 Connector
MOUNTING		Wall mount
MATERIAL		Thermoplastic UL94-V0
NEMA RATING (IP RATING)		NEMA 2 (IP20)
DIMENSIONS		See diagram
WEIGHT		0.30 lbs
SPARE PART		DLASM-48D3
Standards		
UL STANDARD		UL497B
UL CATEGORY		QVGQ
UL FILE NUMBER		E184939
STANDARDS		IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS
Part number		
641304		

