



UL497B LISTED - I_{max} 20kA - I_n 5kA - Modular

CITEL

DLA2-24D3



- Hybrid SAD-GDT Technology
- UL497B LISTED
- 20kA I_{max} (1x 8/20us)
- 5kA I_{mp} (2x 10/350us)
- 10kA I_n (10x 8/20us)
- Modular
- 4W+SHIELD+G



Electrical Characteristics

Network		4-20mA
Max. DC operating voltage	U _c	28 Vdc
Max. frequency	f max.	> 3 MHz
Max. load current @25°C	IL	300 mA
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	5 kA
Nominal discharge current C2 Category	I _n	5 kA
Line resistance (± 10%)		4.7 Ohm
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	24
WIRES		4W+SHIELD+GROUND
LINE CURRENT MAX	(A)	0.3
AMBIENT MIN	(C)	-50
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	40
MCOV	(V)	28/
IMAX 8/20µs	(kA)	20
I _{imp} 10/350µs	(kA)	5
DATA SPEED	(Mbps)	up to 10MHz
FREQUENCY	(MHz)	up to 10
INSERTION LOSS (@ FREQ)	(db)	< 1
CAPACITANCE	(pF)	< 50

Mechanical Characteristics

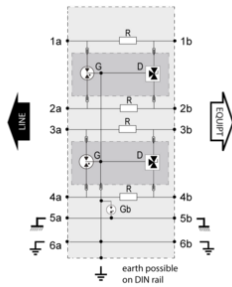
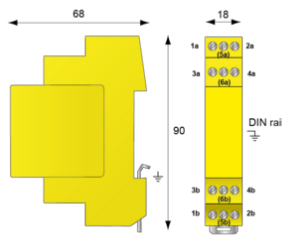
Technology	GDT+Clamping diode
Connection to Network	By screw terminal: cross section 0.5-2.5mm ²
Format	Plug-in DIN box
Operating and storage temperature	-40/+85°C
Failsafe mode	Short-circuit
Weight	0.089 kg
TECHNOLOGY	SAD-GDT
NETWORK CONFIGURATION	2 Channel (4W+SHIELD+G)
CONNECTION METHOD	Screw Terminal
MOUNTING	Din Rail
MATERIAL	Thermoplastic UL94-V0
NEMA RATING (IP RATING)	NEMA 2 (IP20)
DIMENSIONS	See diagram
WEIGHT	0.30 lbs
SPARE PART	DLA2M-24D3

Standards

Certification	UL Listed
UL STANDARD	UL497B
UL CATEGORY	QVQG
UL FILE NUMBER	E184939
STANDARDS	IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS	ROHS

Part number

640311



G: 3-electrode gas tube
 Gb: 2-electrode gas tube
 R: Resistor
 D: Clamping diode



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