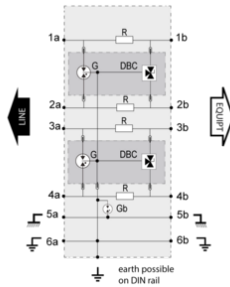
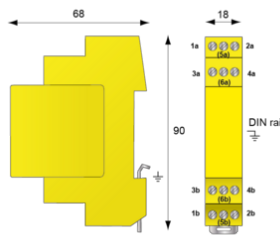


## DLA2-48DBC



- ↳ Hybrid SAD-GDT Technology
- ↳ UL497B LISTED
- ↳ 20kA I<sub>max</sub>
- ↳ 5kA I<sub>mp</sub>
- ↳ 5kA I<sub>n</sub>
- ↳ Modular
- ↳ 4W+SHIELD+G



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

Electrical Characteristics	
Network	Fipway, WorldFIP, FieldBus-h2
Max. DC operating voltage	U <sub>c</sub> 53 Vdc
Max. frequency	f max. > 20 MHz
Insertion loss	< 1 dB
Max. load current @25°C	IL 300 mA
Max. capacitance	C < 50 pF
Impulse current 2 x 10/350µs Test - D1 Category	I <sub>imp</sub> 5 kA
Nominal discharge current C2 Category	I <sub>n</sub> 5 kA
Line resistance (± 10%)	4.7 Ohm
DATA SPD TYPE	UL497B LISTED
VOLTS	(V) 48
WIRES	4W+SHIELD+GROUND
LINE CURRENT MAX	(A) 0.3
AMBIENT MIN	(C) -50
AMBIENT MAX	(C) +85
RESIDUAL VOLTAGE	(V) 70
MCOV	(V) 60/72/72
IMAX 8/20µs	(kA) 20
DATA SPEED	(Mbps) 10/100/1000
FREQUENCY	(MHz) up to 10
Mechanical Characteristics	
Technology	GDT+Clamping diode
Connection to Network	By screw terminal: cross section 0.5-2.5mm <sup>2</sup>
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 Channels (4W+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-48DBC
Standards	
UL STANDARD	UL497B
UL CATEGORY	QVGG
UL FILE NUMBER	E184939
STANDARDS	IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS	ROHS
Part number	
640314	