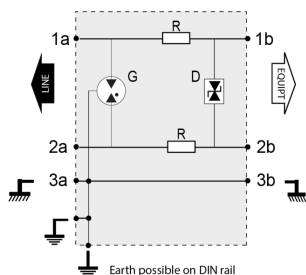
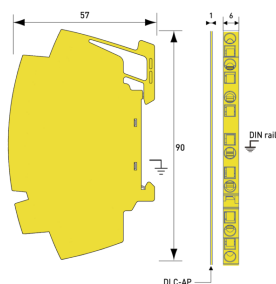


DLC-24D2-EX/C



- ✦ Hybrid SAD-GDT Technology
- ✦ Compact 6mm module
- ✦ UL497B LISTED
- ✦ 10kA I_{max} (1x 8/20 μ s)
- ✦ 2.5kA I_{imp} (2x 10/350 μ s)
- ✦ 5kA I_n (10x 8/20 μ s)
- ✦ 2W+SHIELD+G
- ✦ Common/Differential mode protection



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

Electrical Characteristics		
Network		4-20 mA, 24 V analogic
Max. DC operating voltage	U _c	32 Vdc
Max. frequency	f max.	> 50 MHz
Insertion loss		< 1 dB
Max. load current @25°C	I _L	750 mA
Protection Level C3 (10/1000 μ s), 300 applications@10 A, X-X (Line/Line)	U _p	60 V
Protection level C3 (10/1000 μ s), 300 applications@10 A, X-C (Line/Earth)	U _p	650 V
Impulse current 2 x 10/350 μ s Test - D1 Category	I _{imp}	2.0 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20 μ s Test x 10 - C2 Category	I _n L/PE	10 kA
Line resistance ($\pm$ 10%)		1.2 Ohm
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	6
WIRES		2W+Shield+G
LINE CURRENT MAX	(A)	0.3
AMBIENT MIN	(C)	-50
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	20
MCOV	(V)	8/72/72
I _N 10 impulses 8/20 μ s	(kA)	5
I _{MAX} 8/20 μ s	(kA)	10
I _{imp} 10/350 μ s	(kA)	2.5
DATA SPEED	(Mbps)	up to 10MHz
FREQUENCY	(MHz)	up to 10
INSERTION LOSS (@ FREQ)	(db)	< 1
Mechanical Characteristics		
Technology		GDT+TVS diode
Connection to Network		By spring terminal - max. cross section 2.5mm ² / AWG 13 (solid or stranded)
Format		DIN box
Failsafe mode		Short-circuit
Weight		0.029 kg
TECHNOLOGY		SAD-GDT
NETWORK CONFIGURATION		1 pair
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
Standards		
Certification		CCC
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		
641183119		