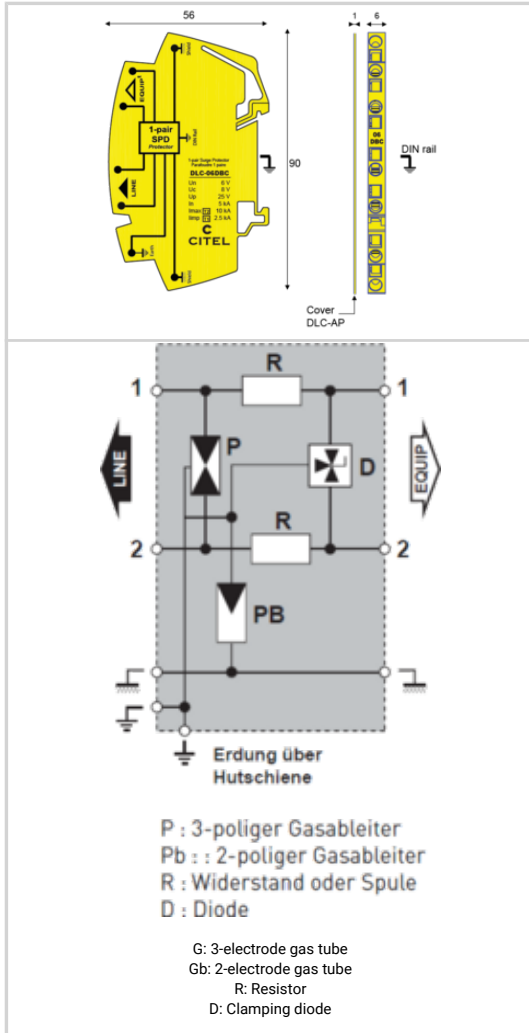


## DLC-12D3



- ↳ Hybrid SAD-GDT Technology
- ↳ Compact 6mm module
- ↳ UL497B LISTED
- ↳ 10kA I<sub>max</sub> (1x 8/20us)
- ↳ 2.5kA I<sub>imp</sub> (2x 10/350us)
- ↳ 5kA I<sub>n</sub> (10x 8/20us)
- ↳ 2W+SHIELD+G
- ↳ Common/Differential mode protection



Electrical Characteristics	
Insertion loss	< 1 dB
Max. load current	IL 300 mA
Impulse current 2 x 10/350µs Test - D1 Category	I <sub>imp</sub> 2.5 kA
DATA SPD TYPE	UL497B LISTED
VOLTS	(V) 12
WIRES	2W+SHIELD+GROUND
LINE CURRENT MAX	(A) 0.3
AMBIENT MIN	(C) -50
AMBIENT MAX	(C) +85
RESIDUAL VOLTAGE	(V) 20
MCOV	(V) 8/72/72
IN10 impulses 8/20µs	(kA) 5
IMAX8/20µs	(kA) 10
I <sub>imp</sub> 10/350µs	(kA) 2.5
DATA SPEED	(bps) 10/100
FREQUENCY	(MHz) >3
INSERTION LOSS (@ FREQ)	(db) < 1
Mechanical Characteristics	
Weight	0.029 kg
TECHNOLOGY	SAD-GDT
NETWORK CONFIGURATION	1 Channel (2W+SHIELD+G)
CONNECTION METHOD	Screw Terminal (16-22AWG)
MOUNTING	DIN RAIL
MATERIAL	Thermoplastic UL94-V0
NEMA RATING (IP RATING)	NEMA 2 (IP20)
DIMENSIONS	See diagram
WEIGHT	0.30 lbs
Standards	
Certification	UL 497B
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	
641102	