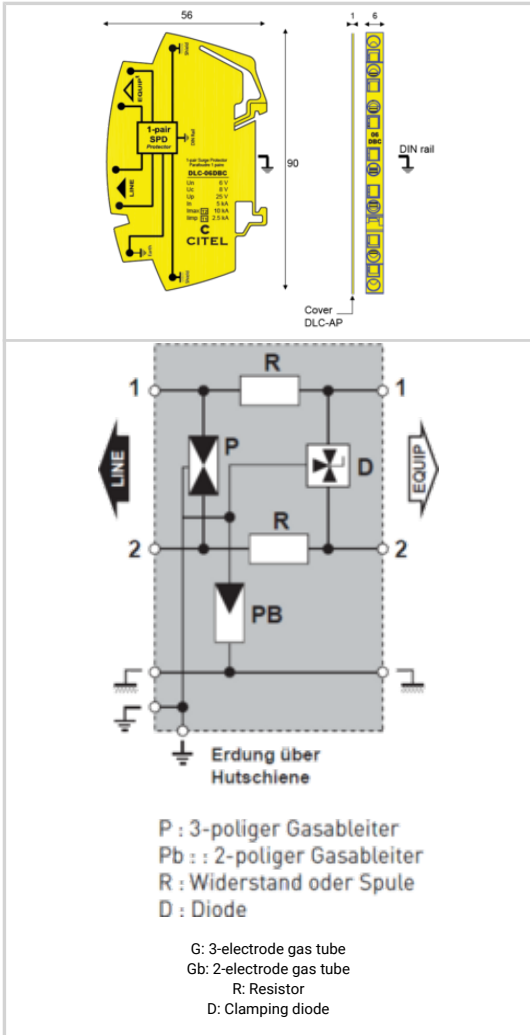




- Hybrid SAD-GDT Technology
- Compact 6mm module
- UL497B LISTED
- 10kA I<sub>max</sub> (1x 8/20us)
- 2.5kA I<sub>imp</sub> (2x 10/350us)
- 5kA I<sub>n</sub> (10x 8/20us)
- 2W+SHIELD+G
- Common/Differential mode protection



SIL3  
IEC61508



Electrical Characteristics	
Max. DC operating voltage	U <sub>c</sub> 8 Vdc
Insertion loss	< 1 dB
Max. load current @25°C	IL 300 mA
Impulse current 2 x 10/350µs Test - D1 Category	I <sub>imp</sub> 2.5 kA
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) 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
IN 10 impulses 8/20µs	(kA) 5
IMAX 8/20µs	(kA) 10
I <sub>imp</sub> 10/350µs	(kA) 2.5
DATA SPEED	(Mbps) up to 10MHz
FREQUENCY	(MHz) up to 10
INSERTION LOSS (@ FREQ)	(db) < 1
Mechanical Characteristics	
Connection to Network	By spring - max. cross section 1.5mm <sup>2</sup>
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	UL listed / SIL
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	
641101	

