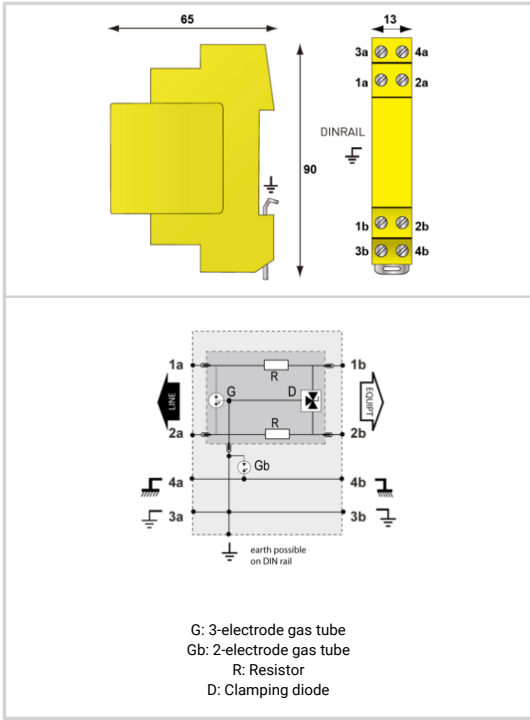




- ↳ Hybrid SAD-GDT Technology
- ↳ UL497B LISTED
- ↳ 20kA I<sub>max</sub> (1x 8/20 $\mu$ s)
- ↳ 5kA I<sub>mp</sub> (2x 10/350 $\mu$ s)
- ↳ 5kA I<sub>n</sub> (10x 8/20 $\mu$ s)
- ↳ Modular
- ↳ 2W+SHIELD+G



Electrical Characteristics	
Network	RNIS-T0, 48 V line
Max. DC operating voltage	U <sub>c</sub> 53 Vdc
Max. frequency	f max. > 3 MHz
Insertion loss	< 1 dB
Max. load current @25°C	IL 300 mA
Protection Level <i>C3 (10/1000<math>\mu</math>s), 300 applications@10 A, X-X (Line/Line)</i>	U <sub>p</sub> 70 V
Protection level <i>C3 (10/1000<math>\mu</math>s), 300 applications@10 A, X-C (Line/Earth)</i>	U <sub>p</sub> 70 V
Impulse current <i>2 x 10/350<math>\mu</math>s Test - D1 Category</i>	I <sub>imp</sub> 5 kA
Nominal Discharge Current, X-C (Line/Earth) <i>8/20<math>\mu</math>s Test x 10 - C2 Category</i>	I <sub>n</sub> L/PE 5 kA
Line resistance ( $\pm$ 10%)	4.7 Ohm
DATA SPD TYPE	UL497B LISTED
VOLTS	(V) 48
WIRES	2W+SHIELD+G
LINE CURRENT MAX	(A) 0.3
AMBIENT MIN	(C) -50
AMBIENT MAX	(C) +85
RESIDUAL VOLTAGE	(V) 70
MCOV	(V) 60
I <sub>N</sub> <i>10 impulses 8/20<math>\mu</math>s</i>	(kA) 5
I <sub>MAX</sub> <i>8/20<math>\mu</math>s</i>	(kA) 20
I <sub>imp</sub> <i>10/350<math>\mu</math>s</i>	(kA) 5
DATA SPEED	(Mbps) 10/100
INSERTION LOSS (@ FREQ)	(db) < 1
Mechanical Characteristics	
Technology	GDT+TVS diode
Connection to Network	By screw terminal: cross section 0.5-2.5mm <sup>2</sup>
Format	Plug-in DIN box
Failsafe mode	Short-circuit
With line cut-off in case of removal plug-in module	Yes
TECHNOLOGY	SAD-GDT
NETWORK CONFIGURATION	1 pair
CONNECTION METHOD	Screw Terminal
DISCONNECTION	Line disconnect with module removal
MOUNTING	DIN RAIL
MATERIAL	Thermoplastic UL94-V0
NEMA RATING (IP RATING)	NEMA 2 (IP20)
DIMENSIONS	See diagram
WEIGHT	0.30 lbs
SPARE PART	DLAWM-48D3
Standards	
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	
640804	

