



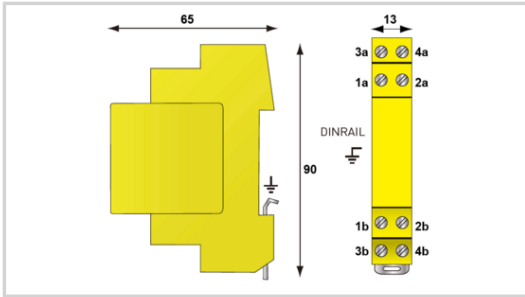
# UL497B LISTED - I<sub>max</sub> 20kA - I<sub>n</sub> 5kA - Modular

# CITEL

## DLAH-170



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



Electrical Characteristics	
Network	RTC, ADSL2, VDSL2
Max. DC operating voltage	U <sub>c</sub> 170 Vdc
Max. frequency	f max. > 10 MHz
Insertion loss	< 1 dB
Max. load current @25°C	IL 2.4 A
Impulse current 2 x 10/350µs Test - D1 Category	I <sub>imp</sub> 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) 150
WIRES	2W+SHIELD+G
LINE CURRENT MAX	(A) 2.4
AMBIENT MIN	(C) -50
AMBIENT MAX	(C) +85
RESIDUAL VOLTAGE	(V) 210
MCOV	(V) 28
I <sub>N</sub> 10 impulses 8/20µs	(kA) 5
I <sub>MAX</sub> 8/20µs	(kA) 20
I <sub>imp</sub> 10/350µs	(kA) 5
DATA SPEED	(Mbps) 10/100
INSERTION LOSS (@ FREQ)	(db) < 1
Mechanical Characteristics	
Technology	GDT+Clamping diode
Connection to Network	By screw terminal: cross section 0.4-1.5mm <sup>2</sup>
Format	Plug-in DIN box
Failsafe mode	Short-circuit
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
SPARE PART	DLAHM-170D3
Standards	
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	
641005	

