



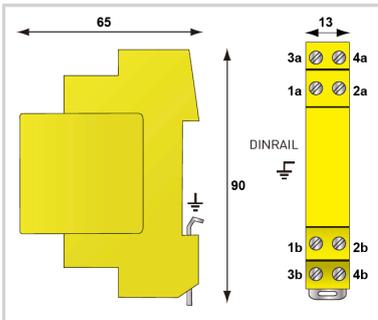
CITEL

UL497B LISTED - I_{max} 20kA - I_n 5kA - Modular

DLAH-06DBC



- Hybrid Technology
- UL497B LISTED
- 20kA I_{max} (1x 8/20us)
- 5kA Imp (2x 10/350us)
- 5kA I_n (10x 8/20us)
- 2.4A Max. Load Current
- Modular
- 2W+SHIELD+G



Electrical Characteristics

Electrical Characteristics		
Network		MIC/T2, 10BaseTRS485
Nominal line voltage	Un	6 V
Max. DC operating voltage	Uc	8 Vdc
Max. frequency	f max.	20 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	2.4 A
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	20 kA
Nominal Discharge Current, X-C (Line/Earth) <i>8/20μs Test x 10 - C2 Category</i>	I _n L/PE	5 kA
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)</i>	Up	25 V
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)</i>	Up	20 V
Impulse current <i>2 x 10/350μs Test - D1 Category</i>	I _{imp}	5 kA
Impulse current <i>D1 (10/350μs), 2 applications, X-C (Line/Earth)</i>	I _{imp}	5 kA
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	6
WIRES		2W+SHIELD+G
LINE CURRENT MAX	(A)	2.4
AMBIENT MIN	(C)	-50
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	20
MCOV	(V)	28
IN <i>10 impulses 8/20μs</i>	(kA)	5
IMAX <i>8/20μs</i>	(kA)	20
I _{imp} <i>10/350μs</i>	(kA)	5
DATA SPEED	(Mbps)	10/100/1000
INSERTION LOSS (@ FREQ)	(db)	< 1

Mechanical Characteristics

Mechanical Characteristics		
Technology		GDT+TVS diode
Connection to Network		By screw terminal: cross section 0.4-1.5mm ²
Format		Plug-in DIN box
Mounting		Symmetrical rail 35 mm (EN 60715)
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
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)



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DIMENSIONS	See diagram
WEIGHT	0.30 lbs
SPARE PART	DLAHM-06DBC
Standards	
Certification	UL Listed
Environmental standards	EU RoHS
UL STANDARD	UL497B
UL CATEGORY	QVGQ
UL FILE NUMBER	E184939
STANDARDS	IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number	
641011	

