



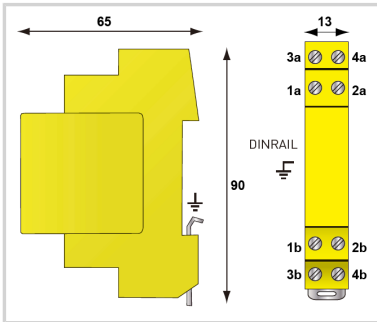
# CITEL

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

### DLAW-170



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



Electrical Characteristics		
Network		RTC, ADSL2, VDSL2
Nominal line voltage	Un	150 V
Max. DC operating voltage	Uc	170 Vdc
Max. frequency	f max.	> 10 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	300 mA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub>	20 kA
Nominal Discharge Current, X-C (Line/Earth) <i>8/20 μs Test x 10 - C2 Category</i>	In L/PE	5 kA
Protection Level <i>C3 (10/1000 μs), 300 applications@10 A, Y-Y (Line/Line)</i>	Up	220 V
Protection Level <i>C3 (10/1000 μs), 300 applications@10 A, Y-C (Line/Earth)</i>	Up	20 V
Impulse current <i>D1 (10/350 μs), 2 applications, X-C (Line/Earth)</i>	I <sub>imp</sub>	5 kA
Line resistance (± 10%)		4.7 Ohm
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
Mounting		Symmetrical rail 35 mm (EN 60715)
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit
With line cut-off in case of removal plug-in module		Yes
NETWORK CONFIGURATION		1 pair
DISCONNECTION		Line disconnect with module removal
MATERIAL		Thermoplastic UL94-V0
DIMENSIONS		See diagram
SPARE PART		DLAWM-170D3
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		
<b>640805</b>		

