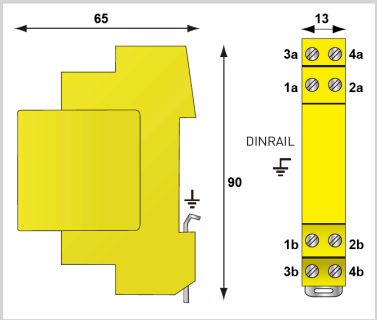
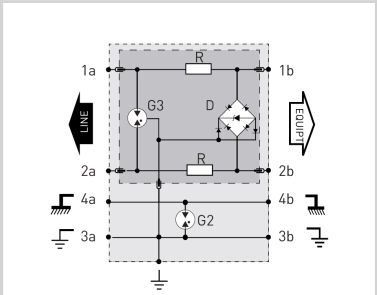
UL497B LISTED - Imax 20kA - In 5kA - Modular

DLAW-12D3

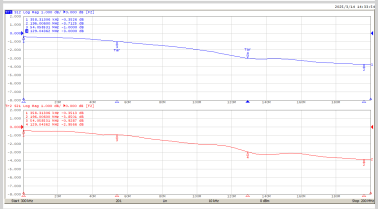


- Hybrid Technology
- UL497B LISTED
- 20kA Imax (1x 8/20us)
- 5kA Imp (2x 10/350us)
- 5kA In (10x 8/20us)
- Modular
- 2W+SHIELD+G





G: 3-electrode gas tube
Gb: 2-electrode gas tube
R: Resistor
D: Clamping diode



Electrical Characteristics		
Network		RS232, RS485
Nominal line voltage	Un	12 V
Max. DC operating voltage	Uc	15 Vdc
Cut-off frequency *-3dB, 100 ohm system*	f max.	> 115 MHz
Cut-off frequency *-1dB, 100 ohm system*	f max.	> 50 MHz
Max. load current @25°C	IL	300 mA
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	20 kA
Nominal Discharge Current, X-C (Line/Earth) *8/20µs Test x 10 - C2 Category*	In L/PE	5 kA
Protection Level *C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)*	Up	30 V
Protection Level *C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)*	Up	20 V
Impulse current *D1 (10/350µs), 2 applications, X-C (Line/Earth)*	Iimp	5 kA
Line resistance (± 10%)		4.7 Ohm
Mechanical Characteristics		
Technology		GDT+TVS diode
Connection to Network		By screw terminal: cross section 0.5-2.5mm²
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
MATERIAL		Thermoplastic UL94-V0
DIMENSIONS		See diagram
SPARE PART		DLAWM-12D3
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		
640802		