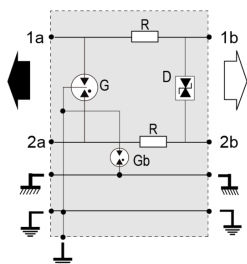




- ✦ For DIN rail mounting
- ✦ Monobloc housing
- ✦ 1-pair
- ✦ U_c : 170 V
- ✦ Transmission an protection of shield wire
- ✦ IEC 61643-21 compliance
- ✦ UL497A



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

Electrical Characteristics

Network	RTC, ADSL2, VDSL2	
Nominal line voltage	U_n	150 V
Max. DC operating voltage	U_c	170 Vdc
Max. frequency	f_{max}	10 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	300 mA
Max. discharge current max. withstand @ 8/20 μ s by pole	I_{max}	20 kA
Protection mode(s)	Common/Differential mode	
Protection Level C3 (10/1000 μ s), 300 applications@10 A, X-X (Line/Line)	Up	220 V
Protection level C3 (10/1000 μ s), 300 applications@10 A, X-C (Line/Earth)	Up	220 V
Max. capacitance	C	< 50 pF
Impulse current 2 x 10/350 μ s Test - D1 Category	I_{imp}	5 kA
Nominal discharge current C2 Category	I_n	5 kA
Line resistance ($\pm 10\%$)		4.7 Ohm

Mechanical Characteristics

Technology	GDT+TVS diode	
SPD configuration	1-pair+shielded	
Connection to Network	By screw terminal - cross section 1.5-2.5mm ²	
Format	DIN box	
Mounting	Symmetrical rail 35 mm (EN 60715)	
Housing material	Thermoplastic UL94 V-0	
Operating temperature	T_u	-40/+85°C
Protection rating	IP20	
Failsafe mode	Short-circuit	
Disconnection indicator	Transmission interrupt - default mode 2	
Dimensions	See diagram	

Standards

Standards compliance	IEC 61643-21 / EN 61643-21 / UL497 A
Certification	UL 497B

Part number

640505