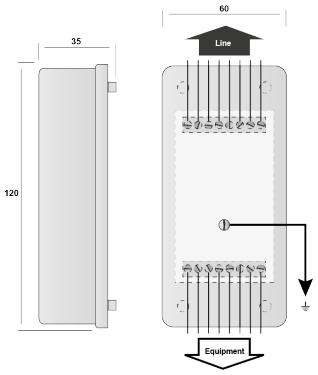
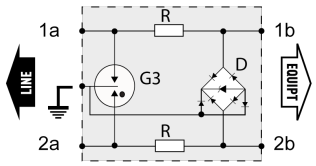
DATA LINE SPD - UL497B- Imax 20kA - In 5kA

B480-24D3



- Hybrid SAD-GDT Technology
- Common/Differential Mode Protection
- UL497B
- 20kA Imax
- 5kA Imp
- 2.5kA In





G: 3-electrode gas tube
R: Resistor
D3: 3-pole clamping diode

Electrical Characteristics		
Network		4-20mA, 24V
Nominal line voltage	Un	24 Vdc
Max. DC operating voltage	Uc	28 Vdc
Max. frequency	f max.	20 MHz
Insertion loss		< 1 dB
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	20 kA
Nominal Discharge Current *C2 (1.2/50us / 8/20µs), 10 applications, X-X (Line/Line)*	In	5 kA
Protection Level *C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)*	Up	40 V
Impulse current *2 x 10/350µs Test - D1 Category*	Iimp	2.5 kA
Max. Load current	IL	300 mA
Mechanical Characteristics		
Technology		GDT + R + Diode
Connection to Network		By screw terminal: cross section 0.4-1.5mm²
Format		Wall mounting box
Mounting		Wall mounting by screws (not supplied)
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmision cut-off - fault mode 2
NETWORK CONFIGURATION		8W+G
MATERIAL		Thermoplastic UL94-V0
DIMENSIONS		See diagram
Standards		
Certification		UL 497B
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		
72793		