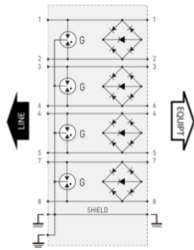
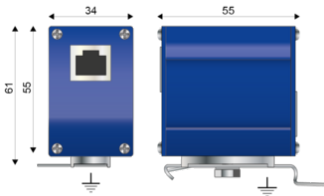




- ↳ Cat.6a Ethernet Surge Protector
- ↳ Hybrid GDT and Diode Technology
- ↳ 10/100/1000Mbps Compatible
- ↳ Bi-Directional Protection
- ↳ 16kA Max. Surge Current Rating
- ↳ DIN Rail, Screw Lug, and Flange Mounting
- ↳ UL497B Listed



G: 3-electrode GDT

Electrical Characteristics		
Network		10Gigabit Ethernet - Cat 6A cabling specification
Max. DC operating voltage	Uc	8 Vdc
Max. frequency	f max.	500 MHz
Max. data rate		10 Gbps
Insertion loss		< 1 dB
Protection Level <i>C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)</i>	Up	20 V
Protection level <i>C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)</i>	Up	20 V
Impulse current <i>2 x 10/350µs Test - D1 Category</i>	Iimp	500 A
Nominal Discharge Current, X-C (Line/Earth) <i>8/20µs Test x 10 - C2 Category</i>	In L/PE	2000 A
NOMINAL DC LINE VOLTAGE	Vdc	5
MAX. DC LINE VOLTAGE	Vdc	8
WIRES		8W+Shield+Ground
LINE CURRENT MAX	(A)	1
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
PROTECTION LEVEL	(V)	20
IMAX <i>8/20µs</i>	(kA)	16
MAX. DATA RATE	Gbps	10
MAX. FREQUENCY	Mhz	500
Mechanical Characteristics		
Technology		GDT+TVS diode
Connection to Network		RJ45 shielded connectors Female input/output
Format		Connector RJ45
Accessory(s) provided		DIN rail adapter, screw, screw nut, earthing plate, countersunk screw, cable shoe
Failsafe mode		Short-circuit
Pinout		(1-2)(3-6)(4-5)(7-8)
Weight		0.106 kg
TECHNOLOGY		SAD-GDT
NETWORK CONFIGURATION		Single C6A Line
CONNECTOR TYPE		Shielded RJ45
PIN OUT		[1-2][3-6][4-5][7-8]
NEMA RATING (IP RATING)		NEMA 2 (IP20)
DIMENSIONS		See diagram
Standards		
Certification		UL 497B
UL STANDARD		UL497B
UL CATEGORY		QVQ
UL FILE NUMBER		E184939
STANDARDS		IEC 61643-21, NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS
Part number		
581540		

