



4-pair Data surge protector unit

CITEL

B480-12D3



- 4-pair surge protection unit
- 12 V
- Removable
- Wall mounting and screw connection
- UL497 A&B



	Electrical Characteristics		
	Network	RS232, RS485	
	Nominal line voltage	Un 12 V	
	Max. DC operating voltage	Uc 15 Vdc	
	Max. frequency	f max. > 3 MHz	
	Insertion loss	< 1 dB	
	Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax 20 kA	
	Line inductance	No	
	Protection mode(s)	Common/Differential mode	
	Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i>	Up 30 V	
	Protection level <i>Following the test category C3 (IEC61643-21) - Line/PE</i>	Up 20 V	
	Type of diagram	B	
	Line resistance	< 4.7 Ohm	
<p>G: 3-electrode gas tube R: Resistor D3: 3-pole clamping diode</p>	Mechanical Characteristics		
	Technology	GDT+Clamping diode	
	SPD configuration	4 pairs	
	Connection to Network	By screw terminal: cross section 0.4-1.5mm ²	
	Format	Wall mounting box	
	Mounting	Wall mounting by screws (not supplied)	
	Housing material	Thermoplastic UL94 V-0	
	Operating temperature	Tu	-40/+85°C
	Protection rating	IP20	
	Failsafe mode	Short-circuit - transmission cut-off - fault mode 2	
	Spare module(s)	S480-12D3	
	Remote signaling of disconnection	No	
	Dimensions	See diagram	
	Weight	0.136 kg	
Standards			
	Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A	
	Certification	UL 497B	
Part number			
72792			

