



4-pair Data surge protector unit

CITEL

B480-24D3



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



	Electrical Characteristics		
	Network	LS, 4-20 mA	
Nominal line voltage	Un	24 V	
Max. DC operating voltage	Uc	28 Vdc	
Max. frequency	f max.	> 3 MHz	
Insertion loss		< 1 dB	
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	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	40 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	T _u	-40/+85°C
	Protection rating		IP20
	Failsafe mode		Short-circuit - transmission cut-off - fault mode 2
	Spare module(s)		S480-24D3
	Remote signaling of disconnection		No
	Dimensions		See diagram
Weight		0.143 kg	
Standards			
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A	
Certification		UL 497B	
Part number			
72793			

