



# 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



	<b>Electrical Characteristics</b>	
	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>@ In (8/20 μs)</i>	Up L/L 30 V
	Protection level <i>@ In (8/20 μs)</i>	Up L/PE 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>	<b>Mechanical Characteristics</b>	
	Technology	GDT+Clamping diode
	SPD configuration	4 pairs
	Connection to Network	By screw terminal: cross section 0.4-1.5mm <sup>2</sup>
	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
<b>Standards</b>		
	Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A
	Certification	UL 497B
<b>Part number</b>		
<b>72792</b>		

