



2-pair Data surge protector unit

CITEL

B280-48DBC



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



	Electrical Characteristics	
	Network	RNIS-T0, 48 V line
	Nominal line voltage	Un 48 V
	Max. DC operating voltage	Uc 53 Vdc
	Max. frequency	f max. > 20 MHz
	Insertion loss	< 1 dB
	Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax 20 kA
	Protection mode(s)	Common/Differential mode
	Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i>	Up 75 V
	Protection level <i>Following the test category C3 (IEC61643-21) - Line/PE</i>	Up 20 V
	Line resistance	< 4.7 Ohm
<p>Gb: 3-electrode gas tube R: Resistor DBC: 3-pole low capacitance diode</p>	Mechanical Characteristics	
	Technology	GDT+Clamping diode
	SPD configuration	2 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)	S280-48DBC
	Dimensions	See diagram
	Weight	0.043 kg
Standards		
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A	
Certification	UL 497B	
Part number		
72754		

