



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>	I _{max}	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	T _u	-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			

