



## BIRDCAGE® SERIES SURGE PROTECTOR

### MODEL BCP3000

#### FEATURES:

- Lifetime warranty against lightning and voltage surges for BC001 Birdcage®
- 17mm DIN rail mount chassis (BCP3006)
- Replaceable surge module (BCP3005)
- On-board failure lights go from green to red
- For 4-20mA or 0-5Vdc systems
- High current gas discharge tubes (GDT)
- Fast response Surge-Arresting Diodes (SAD)



Model BCP3000  
Birdcage® Series Surge Protector

#### TECHNICAL SPECIFICATIONS:

- Power: 24 VDC
- IEC Category/EN Type: C1/C2/C3/D1
- Highest Continuous Voltage (Uc): DC/AC: 28V/20V
- Lightning Test Current (Limp) Per Path: 2.5 kA
- Nominal Current In: 450 MA
- Nominal Discharge Surge Current (8/20)  $\mu$ s: 10 ka
- Total Surge Current (8/20)  $\mu$ s: 20 kA
- Response Time: < 1 ms
- Resistance per Path: 2.2  $\Omega$
- Insulation Test Voltage: 500 VDC
- Auxiliary Voltage Un: 8 VDC.38 VDC
- Auxiliary Power: < 0.8 w
- Temperature Range: -40° to +85°C
- Protection: IP20
- Test Standard: IEC61643 / DIN EN 61643-21
- Remote Indication Contact: N/C Contact
- Max. Operating Voltage: 250 VAC
- Dimensions (H x W x D): 99 x 17.5 x 90 mm
- Max. Operating Current: 0.2A (250 VAC) / 0.2a (220 VDC)

BR5SL-TXa-025  
REV-A