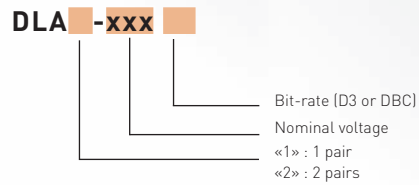


DIN Rail Plug-In Surge Protectors for Telecom

DLA, DLA2 Series

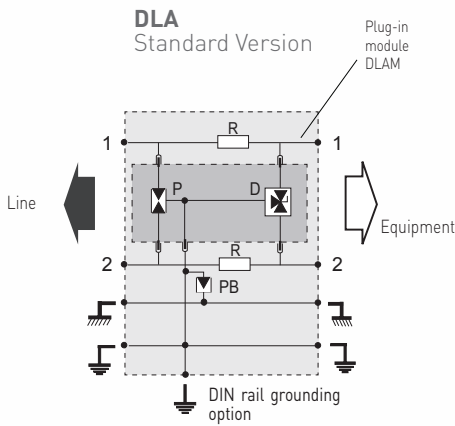
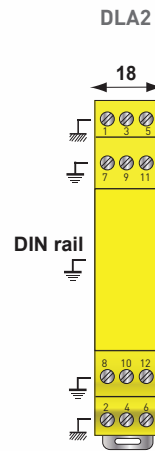
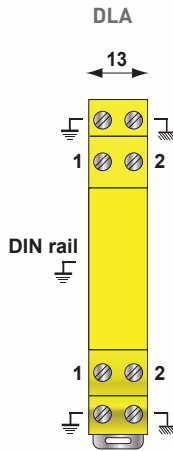
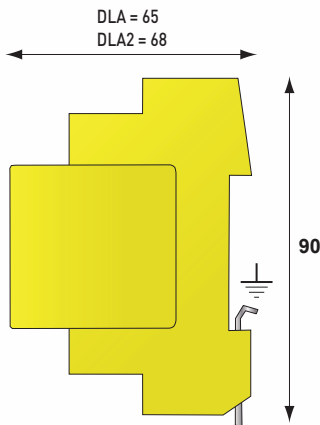


- DIN Rail Mounted Pluggable Surge Protector
- Removable Module for Easy Maintenance
- Multiple Configurations for All Applications
- Shielded Wire Protection
- With or Without Line Cut Capabilities
- 2- Pair Versions Available (DLA2)
- Multiple Grounding Options
- UL 497B Listed

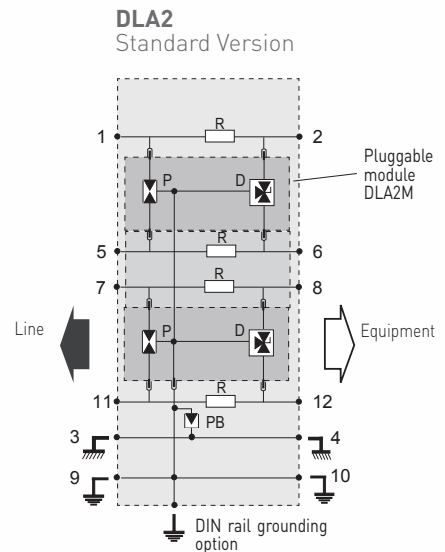
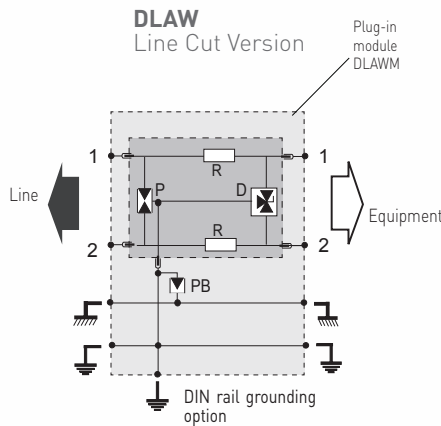


Dimensions and Electrical Diagrams

(in mm)



P : 3-electrode gas discharge tube
Pb : 2-electrode gas discharge tube
R : Resistor
D : 3-pole clamping diode



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DIN Rail Plug-In Surge Protector for Telecom DLA, DLA2 Series

Characteristics

Configuration	CITEL Part Number						
	DLA-170 DLA2-170	DLA-48D3 DLA2-48D3	DLA-48DBC DLA2-48DBC	DLA-24D3 DLA2-24D3	DLA-12D3 DLA2-12D3	DLA-06D3 DLA2-06D3	DLA-06DBC DLA2-06DBC
Application	Telephone line ADSL SDSL-SHDSL	ISDN-T0 48V line	Fipway - WorldFIP Fieldbus-H2	Leased Line 4-20mA	RS232 RS485	RS422	MIC/T2 10BaseT
Nominal Line Voltage (Un)	150V	48V	48V	24V	12V	6V	6V
Maximum Line Voltage (Uc)	170V	53V	53V	28V	15V	8V	8V
Maximum Line Current	300mA	300mA	300mA	300mA	300mA	300mA	300mA
Maximum Frequency	> 10MHz	> 3MHz	> 20MHz	> 3MHz	> 3MHz	> 3MHz	> 20MHz
Protection Level (Up) 8/20µs impulse - 5 kA	220V	70V	75V	40V	30V	20V	25V
Nominal Discharge Current (In) 8/20µs impulse - 10 times	5kA	5kA	5kA	5kA	5kA	5kA	5kA
Maximum Discharge Current (Imax) 8/20µs impulse - 1 time	20kA	20kA	20kA	20kA	20kA	20kA	20kA
Impulse Current (Iimp) 10/350µs impulse - 2 times	5kA	5kA	5kA	5kA	5kA	5kA	5kA
End of Life	Short-circuit	Short-circuit	Short-circuit	Short-circuit	Short-circuit	Short-circuit	Short-circuit
Mechanical Characteristics							
Configuration	DLA = 1 pair + shield DLA2 = 2 pairs + shield						
Dimensions	See drawing						
Mounting	Symmetrical DIN rail						
Operating Temp.	-50°C to +85°C						
Wiring	Connection by screw - min/max. cross section 0.4/1.5 mm ²						
Housing Material	Thermoplastic UL94-V0						
Earth Connection	Via DIN rail and screw terminal						
Replacement Module	DLA : DLAM-xxx DLA2 : DLA2M-xxx						
Versions	DLA-xxx : standard version (line continuity after removal of plug-in module) DLAW-xxx : specific version (line cut-off after removal of plug-in module) DLAH-xxx : remote supply version (maximum line current = 2.4 A) DLA2-xxx : standard version (line continuity in case of removal of plug-in modules)						
Standard Compliance							
NF EN 64643-21 (France) UL497B (USA)	Surge protectors for communication circuits - Test categories C2 and D1 Surge protectors for communication circuits						
Part Number							
DLA	6406011	6403021	640421	6403011	6402011	6401011	640121
DLA2	640611	640312	640431	640311	640211	640111	640131



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