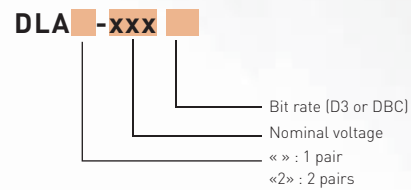


DIN rail plug-in Surge Protector for dataline/telecom DLA, DLA2 series

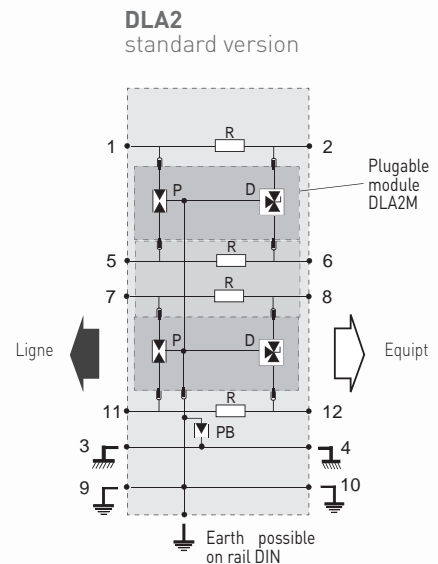
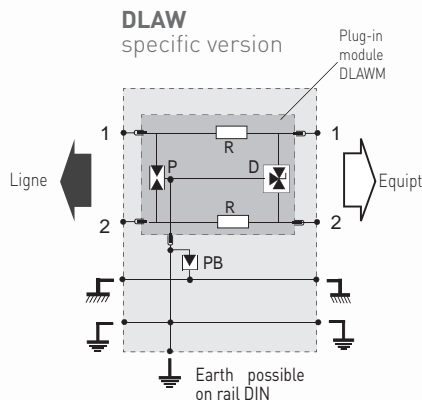
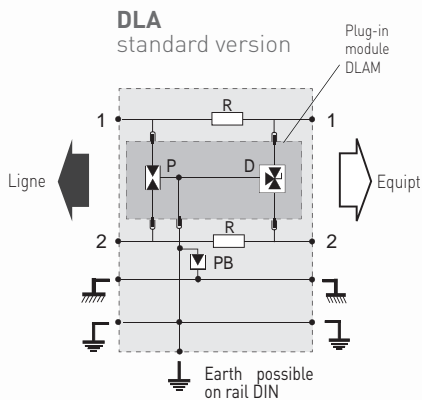
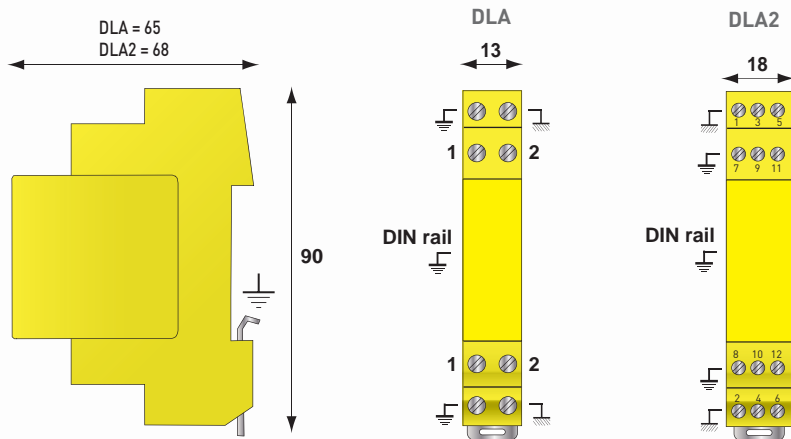


- Pluggable surge protection for «DIN» mounting
- All types of Telephone and Data Lines
- Shield wire protection
- Without line cut-off (DLA) or with (DLAW)
- 2- pair version (DLA2)
- IEC 61643-21 compliance



Dimensions - Electrical diagrams

(in mm)



P : 3-electrode gas tube
Pb : 2-electrode gas tube
R : Resistor
D : Clamping diode

DIN rail plug-in Surge Protector for dataline/telecom *DLA, DLA2 series*

Characteristics

Configuration	CITEL part number						
	DLA-170 DLA2-170	DLA-48D3 DLA2-48D3	DLA-24D3 DLA2-24D3	DLA-48DBC DLA2-48DBC	DLA-12D3 DLA2-12D3	DLA-06D3 DLA2-06D3	DLA-06DBC DLA2-06DBC
Utilisations type	Telephone line ADSL SDSL-SHDSL	ISDN-T0 48 V line	Leased line 4-20 mA	Fipway - WorldFIP Fieldbus-H2	RS232 RS485	RS422	MIC/T2 10BaseT
Nominal line voltage (Un)	150 V	48 V	24 V	48 V	12 V	6 V	6 V
Max. line voltage (Uc)	170 V	53 V	28 V	53 V	15 V	8 V	8 V
Max. line current	300 mA	300 mA	300 mA	300 mA	300 mA	300 mA	300 mA
Max. frequency	> 10 MHz	> 3 MHz	> 3 MHz	> 20 MHz	> 3 MHz	> 3 MHz	> 20 MHz
Protection level (Up) 8/20µs impulse - 5 kA	220 V	70 V	40 V	75 V	30 V	20 V	25 V
Nominal discharge current (In) 8/20µs impulse - 10 times	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA
Max. discharge current (Imax) 8/20µs impulse - 1 time	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
Impulse current (Iimp) 10/350µs impulse - 2 times	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA
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						
Mounting	Symmetrical DIN rail						
Dimensions	see drawing						
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						
Spare module	DLA : DLAM-xxx DLA2 : DLA2M-xxx						
Versions	DLA-xxx : standard version (line continuity in case of removal of plug-in module) DLAW-xxx : specific version (line cut-off in case of removal of plug-in module) DLAH-xxx : «remote supply» version (max. 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) UL497A&B (USA)	Parafoudre pour réseau communication - Test catégories C2 et D1 Surge protectors for communication circuits						
Part number							
DLA	6406011	6403021	6403011	640421	6402011	6401011	640121
DLA2	640611	640312	640311		640211	640111	640131

