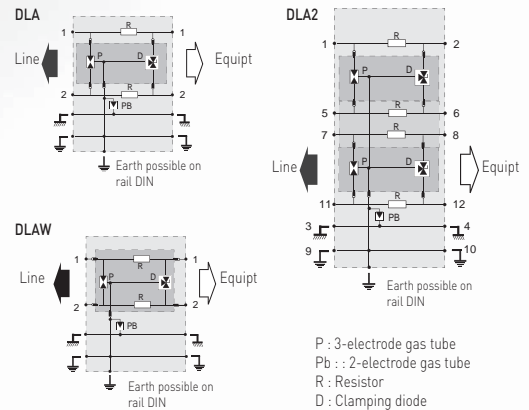
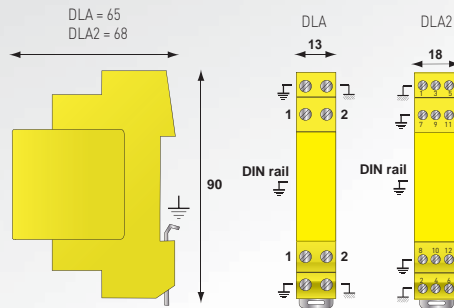
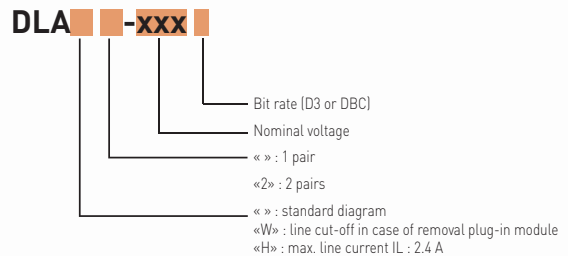


DIN rail plug-in Surge Protector for dataline/telecom DLA, DLA2 series



- 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
- UL497 A approved



Characteristics

CITEL Model	DLA-170 DLA2-170	DLA-48DBC DLA2-48DBC	DLA-48D3 DLA2-48D3	DLA-24D3 DLA2-24D3	DLA-12D3 DLA2-12D3	DLA-06DBC DLA2-06DBC	DLA-06D3 DLA2-06D3	
Description	Telecom/Data SPD- 1 or 2-pair -DIN mounting - Pluggable							
Network	Telephone line, ADSL2, SDSL	Fipway, WorldFIP, FieldBus-h2	ISDN-T0, 48 V line	4-20 mA	RS232, RS485	MIC/T2, 10BaseT	RS422	
SPD configuration	DLA DLA2	1-pair + shielded 2-pair + shielded	1-pair + shielded 2-pair + shielded	1-pair + shielded 2-pair + shielded	1-pair + shielded 2-pair + shielded	1-pair + shielded 2-pair + shielded	1-pair + shielded 2-pair + shielded	
Nominal line voltage	Un	150 V	48 V	48 V	24 V	12 V	6 V	
Max. DC operating voltage	Uc	170 V	53 V	53 V	28 V	15 V	8 V	
Max. Load current	IL	300 mA	300 mA	300 mA	300 mA	300 mA	300 mA	
Max. frequency	f max	> 10 MHz	> 20 MHz	> 3 MHz	> 3 MHz	> 20 MHz	> 3 MHz	
Insertion loss		< 1 dB	< 1 dB	< 1 dB	< 1 dB	< 1 dB	< 1 dB	
Nominal discharge current <i>8/20µs Test x 10 - C2 Category</i>	In	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA	
Max. discharge current <i>-max. withstand @ 8/20 µs by pole</i>	Imax	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA	
Impulse current <i>2 x 10/350µs Test - D1 Category</i>	limp	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA	
Protection level	Up	220 V	75 V	70 V	40 V	30 V	25 V	
Failsafe behavior		Short-circuit	Short-circuit	Short-circuit	Short-circuit	Short-circuit	Short-circuit	
Mechanical characteristics								
Dimensions	see diagram							
Format	Plug-in DIN box							
Connection to Network	screw terminal - cross section 0.4-1.5 mm ²							
Disconnection indicator	transmission interrupt							
Mounting	Symmetrical rail 35 mm (EN60715)							
Operating temperature	-40/+85°C							
Protection rating	IP20							
Housing material	Thermoplastic UL94-V0							
Spare module for DLA	DLAM-170	DLAM-48DBC	DLAM-48D3	DLAM-24D3	DLAM-12D3	DLAM-06DBC	DLAM-06D3	
Spare module for DLA2	DLA2M-170	DLA2M-48DBC	DLA2M-48D3	DLA2M-24D3	DLA2M-12D3	DLA2M-06DBC	DLA2M-06D3	
Versions	DLA-xxx : standard version 1-pair (line continuity in case of removal of plug-in module) DLA2-xxx : standard version 2-pairs (line continuity in case of removal of plug-in module) DLAW-xxx : specific version 1-pair (line cut-off in case of removal plug-in module) DLAH-xxx : «remote supply» version 1-pair (max. line current IL = 2,4 A)							
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A							
Part number								
DLA range	6406011	640421	6403021	6403011	6402011	640121	6401011	
DLAH range	641005	641014	641004	641003	641002	641011	641001	
DLAW range	640805	-	640804	640803	640802	640811	640801	
DLA2 range	640611	640321	640312	640311	640211	640131	640111	