



DLAH-48D3



- Pluggable surge protection for «DIN» mounting
- Coordination inductor
- Up to 2.4 A line current
- Remote supply version
- All types of Telephone and Data lines
- Shield wire protection
- IEC 61643-21 compliance

Electrical Characteristics		
Network		IDSN-T0, 48V line
Nominal line voltage	U_n	48 V
Max. DC operating voltage	U_c	53 V
Max. load current	I_L	2,4 A
Max. frequency	f	> 3 MHz
Insertion loss		< 1 dB
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I_{max}	20 kA
Line inductance		No
Protection mode(s)		Common/Differential mode
Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i>	U_p	70 V
Impulse current <i>2 x 10/350μs Test - D1 Category</i>	I_{imp}	5 kA
Nominal discharge current <i>8/20μs Test x 10 - C2 Category</i>	I_n	5 kA
Line/Line Nominal discharge current <i>8/20μs Test x 10 - C2 Category</i>	$I_n L/L$	5 kA
Line/Ground Nominal discharge current <i>8/20μs Test x 10 - C2 Category</i>	$I_n L/PE$	5 kA
Line resistance		0 Ohm
Mechanical Characteristics		
Technology		GDT+Clamping diode
SPD configuration		1-pair + shielded
Format		Plug-in DIN box
Mounting		Symmetrical rail 35 mm (EN60715)
Housing material		Thermoplastic UL94-V0
Operating temperature		-40/+85°C
Protection rating		IP20
Failsafe behavior		Short-circuit - transmission cut-off - fault mode 2
Spare module(s)		DLAHM-48D3
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A
Certification		UL listed
Part Number		641004

P: 3-electrode gas tube
PB: 2-electrode gas tube
L: Inductor
D: Clamping diode