

D-LAN-A/RJ45-BS

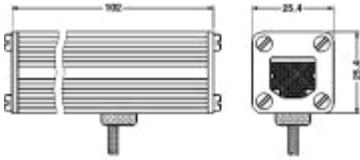
Universal protective adapter with RJ 45 connector Cat. 5

Description	Type	Order No.	Pcs. Pkt.
DATATRAB adapter, Protective adapter to be inserted into the data line for the protection of the LAN interface	D-LAN-A/RJ45-BS	28 18 97 3	1

Technical data

Quality level in acc. with IEC 61 644-1 (draft August 1998)		C2, C3
Max. perm. operating voltage $U_{max.}$:		6.2 V DC
Nominal current I_N :		1.5 A/ 25 °C
Operating current I_C with $U_{max.}$:		$\leq 300 \mu A$
Discharge current to PE with $U_{max.}$:		$\leq 1 \mu A$
Nom. discharge surge current i_{sn} (8/20) μs :	symm./asymm. ($\frac{\perp}{\equiv}$)	350 A/2.5 kA
Max. disch. surge current i_{smax} :	symm./asymm. ($\frac{\perp}{\equiv}$)	350 A/2.5 kA
Output voltage limitation at 1 kV/ μs :	symm./asymm. ($\frac{\perp}{\equiv}$)	$\leq 30 V/\leq 500 V$
Residual voltage at i_{sn} :	symm./asymm. ($\frac{\perp}{\equiv}$)	$\leq 37 V/\leq 70 V$
Response time t_a :	symm./asymm. ($\frac{\perp}{\equiv}$)	$\leq 500 ns/\leq 100 ns$
Input attenuation a_E in a 100 Ω system (typ.):		1 dB to 100 MHz
Cut-off frequency f_g (3dB) in a 100 Ω system (typ.)	symm.	> 100 MHz
Capacity (typ.):	symm./asymm. ($\frac{\perp}{\equiv}$)	18 pF/1 pF (1 MHz)
Connection:	IN	RJ 45 sockets
Temperature range:		- 40 °C ... + 80 °C
Protection type acc. to IEC 529/ EN 60 529:		IP 20

Dimensional drawing



Block diagram

