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► Extract from the online catalog



19" rack with 24 surge protected ports for data interfaces in Ethernet, Token Ring, FDDI/CDDI networks in acc. with Cat. 5/EN 50173 (100Base T), connection on the protective device: RJ45 female connectors

| | |
|--------------------------|-------------------|
| Order No. | 2838791 |
| Ord designation | D-LAN-19"-24 |
| EAN | 4017918959968 |
| Pack | 1 Pcs. |
| Customs tariff | 85363010 |
| Catalog page information | Page 97 (TT-2005) |

► Technical data

General

| | |
|--|---|
| Housing material | Sheet steel |
| Standards for air and creepage distances | DIN VDE 0110-1 |
| Standards for air and creepage distances | IEC 60664-1: 1992-10 |
| Surge voltage category | II |
| Degree of contamination | 2 |
| Ambient temperature (operation) | -40 ° C ... 80 ° C |
| Mounting type | Other |
| Design | 19" rack patch module |
| Number of positions | 24 |
| Degree of protection | IP20 |
| Direction of action | Ader-Ader & Ader-Ground/Schirm & Ground/Schirm-Erde |

Protective circuit

| | |
|---|---|
| IEC category | C1 |
| IEC category | C2 |
| IEC category | C3 |
| IEC category | B3 |
| Arrester rated voltage U_c (Core-Core) | +/- 6 V DC |
| Arrester rated voltage U_c (Core-Earth) | +/- 68 V DC (Optional: +/- 6 V DC) |
| Nominal current I_N | 1.5 A (25° C) |
| Operating current I_c at $U_{_C}$ | ≤ 1 mA |
| Discharge current to PE at U_c | ≤ 1 mA (Jumper 2 unplugged) |
| Nominal discharge surge current I_n (8/20) μ s (Core-Core) | 350 A |
| Nominal discharge surge current I_n (8/20) μ s (Core-Earth) | 350 A |
| Nominal discharge surge current I_n (8/20) μ s (Shield-Earth) | 2.5 kA (with insulated housing) |
| Nominal power pulse current I_{an} (10/1000) μ s (Core-Core) | 100 A |
| Nominal power pulse current I_{an} (10/1000) μ s (Core-Earth) | 100 A |
| Output voltage limitation at 1 kV/ μ s (Core-Core) static | ≤ 20 V |
| Output voltage limitation at 1 kV/ μ s (Core-Earth) static | ≤ 30 V (J2 plugged) |
| Output voltage limitation at 1 kV/ μ s (Core-Earth) static | ≤ 170 V (J2 unplugged) |
| Output voltage limitation at 1 kV/ μ s (Shield-Earth) static | ≤ 700 V (with insulated shield) |
| Residual voltage at I_n , (conductor-conductor) | ≤ 65 V |
| Residual voltage at I_n , (conductor-ground) | ≤ 45 V (J2 plugged) |
| Residual voltage at I_n , (conductor-ground) | ≤ 220 V (J2 unplugged) |
| Residual voltage at I_n , (shield-ground) | ≤ 700 V |
| Protection level Up (Core-Core) | ≤ 50 V (C1, 500 V/250 A) |
| Protection level Up (Core-Earth) | ≤ 40 V (C1, 500 V/250 A (J2 plugged)) |
| Protection level Up (Core-Earth) | ≤ 180 V (C1, 500 V/250 A (J2 unplugged)) |
| Protection level Up (Shield-Earth) | ≤ 800 V (with insulated housing) |
| Response time t_A (Core-Core) | ≤ 1 ns |
| Response time t_A (Core-Earth) | ≤ 1 ns |
| Response time t_A (Core-GND) | ≤ 100 ns |
| Input attenuation aE, sym. | typ. 1 dB (100 Ohm system) |
| Near-end crosstalk attenuation | typ. 36 dB (100 Ohm system / 100 MHz) |
| Capacity (Core-Core) | typ. 20 pF |
| Capacity (Core-Earth) | typ. 1 pF |

General

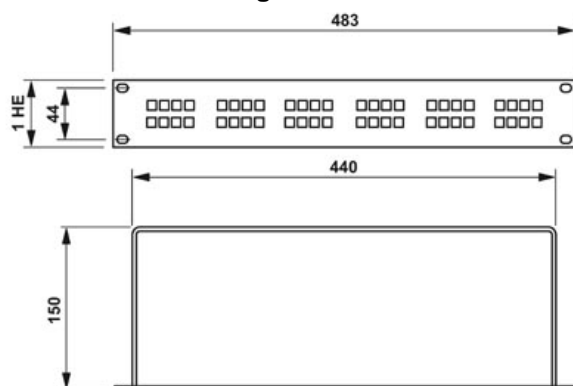
| | |
|---------------------|--|
| Connection type IN | RJ 45 female connector |
| Connection type OUT | RJ 45 female connector |
| Connection system | Network interfaces (e.g. Ethernet, Token Ring and CDDI/FDDI) |

Connection, protective circuit

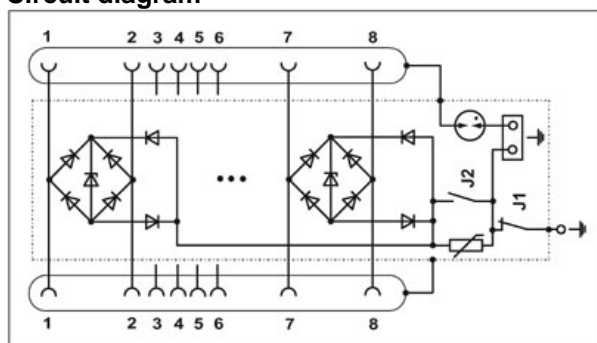
| | |
|-----------------------|----------------|
| Standards/regulations | IEC 61643-21 |
| Standards/regulations | DIN EN 50173-1 |

► Drawings

Dimensioned drawing



Circuit diagram



► Additional products

| Item | Designation | Description |
|------------------------|----------------|--|
| Cable/conductor | | |
| 2838694 | D-C/RJ45-8/0,5 | Connecting line with RJ45 plug, 0.5 m long |
| 2818193 | D-C/RJ45-8/1,5 | Connecting line with RJ45 plug, 1.5 m long |

► Address

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