

DIODE MODULES - DM

DM

5707.2

DM 22-K, Diode Module, 22 channel Common cathode, Low Voltage

- TS35/32 mount
- Ideal for reverse polarity protection, decoupling and suppression
- Shared Anode or Cathode versions
- Screw connections



PRODUCT DESCRIPTION

The DM modules allows different components, such as diodes or diodes with resistors to be connected in parallel or in series.

These diode circuits fulfil a variety of tasks in the area of electrical and electronic controls. These include protection against reverse polarity, decoupling of warning signals, spark-repression diodes for overvoltages from inductive loads such as solenoid valves or DC relays, and lamp test modules for the detection and decoupling of group status messages.

The modules are available in minus-pole or plus-pole designs, or as freely switchable units.

*The .../AD modules must be used when the operating voltage exceeds 30 V AC/60 V DC. Designs with other diode types are available upon request.

TECHNICAL DATA

GENERAL DATA

| | |
|--------------------|----|
| Number of channels | 22 |
| Cover | No |

RATINGS

| | |
|---|--------|
| Current carrying capacity per channel max | 1 A |
| Operating voltage ac/dc max | 250 V |
| Diode type | 1N4007 |
| Diode forward voltage | 0.8 V |
| Diode reverse voltage | 1000 V |
| Rated current | 6 A |

| | |
|----------------------------|-------------------------|
| Diode reverse current | 5 µA |
| Contamination degree | 2 |
| Overvoltage category | III |
| Operating temperature from | -20 °C |
| Operating temperature to | 50 °C |
| DIN-VDE Spec | DIN VDE 0110 / EN 50178 |

DIMENSIONS

| | |
|------------------|-------|
| Length | 87 mm |
| Width | 68 mm |
| Height TS 35/7.5 | 57 mm |

CONNECTION DATA

| | |
|--|---------------------|
| Connection type | Screw |
| Torque | 0.6 |
| Cross section stranded with ferrule from | 0.2 mm ² |
| Cross section stranded with ferrule to | 2.5 mm ² |
| Cross section stranded wire from | 0.2 mm ² |
| Cross section stranded wire to | 2.5 mm ² |
| Cross section single wire from | 0.2 mm ² |
| Cross section single wire to | 2.5 mm ² |
| Stripping length | 7 mm |

ADDITIONAL DATA

| | |
|-------------------|----------|
| Tariff code | 85411000 |
| Country of origin | EEC |
| Weight | 106.5 g |
| Pack size | 1 |
| Common cathode | Yes |