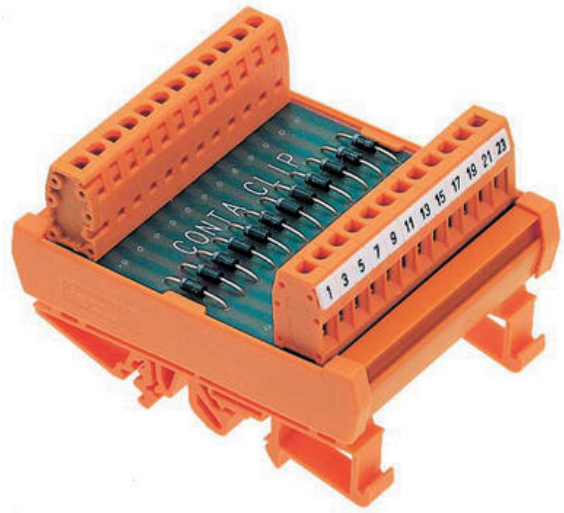
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DIODE MODULES - DM

Diode Modules - DM

5703.9
DM 12/AD, Diode Module, 12 channel Individually switched, High Voltage



- TS35/32 mount
- Ideal for reverse polarity protection, decoupling and supression
- 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	12
Cover	Yes

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
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	69 mm
Height TS 35/7.5	57 mm

CONNECTION DATA

Connection type	Screw
Torque	0.6
Cross section stranded with ferrule from	0.2 mm²
Cross section stranded with ferrule to	2.5 mm²
Cross section stranded wire from	0.2 mm²
Cross section stranded wire to	2.5 mm²
Cross section single wire from	0.2 mm²
Cross section single wire to	2.5 mm²
Stripping length	7 mm

ADDITIONAL DATA

Tariff code	85411000
Country of origin	EEC
Weight	105.1 g
Pack size	1