

# Diode block - EMG 22-DIO 4E-1N5408 - 2952790

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Diode module, with 4 diodes, individually wired, diode type 1N 5408

The illustration shows version EMG 22-DIO 4E

#### **Product Features**

- Electrical decoupling of messages in fault reporting systems
- Spark-suppression diodes for limiting surge voltages of inductive loads



## **Key Commercial Data**

Packing unit	10 pc	
GTIN	4 017918 084486	
Weight per Piece (excluding packing)	47.25 g	
Custom tariff number	85411000	
Country of origin	Germany	

### Technical data

### **Dimensions**

Width	22.5 mm
Height	75 mm
Depth	55 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C 50 °C
Ambient temperature (storage/transport)	-40 °C 70 °C

### General

Diode type	1 N 5408
Max. operating voltage	250 V AC
Peak reverse voltage per diode	1000 V



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## Technical data

## General

Reverse current per diode	10 μΑ	
Conducting state voltage per diode	approx. 0.8 V	
Conducting state current per diode	1.5 A (with single load)	
	1 A (with simultaneous loads)	
Standards/specifications	DIN EN 50178	
Overvoltage category	III, basic insulation (as per EN 50178)	
Mounting position	any	
Assembly instructions	In rows with zero spacing	

### Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Stripping length	8 mm
Screw thread	M3
Connection method	Screw connection

## Standards and Regulations

Standards/regulations	DIN EN 50178
Low Voltage Directive	2014/35/EG
Conformance	CE-compliant

## Classifications

## eCl@ss

eCl@ss 4.0	27250312
eCl@ss 4.1	27260801
eCI@ss 5.0	27260801
eCl@ss 5.1	27260801
eCl@ss 6.0	27242602
eCI@ss 7.0	27242602
eCl@ss 8.0	27371010

## ETIM

ETIM 2.0	EC001432
ETIM 3.0	EC001597
ETIM 4.0	EC001597
ETIM 5.0	EC000683



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## Classifications

## **UNSPSC**

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

## Approvals

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Approvals

EAC

Ex Approvals

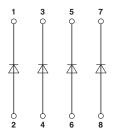
Approvals submitted

Approval details

EAC

## Drawings

## Circuit diagram



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