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Relay terminal block, with soldered-in miniature relays, contact (AgNi+Au): small to medium loads, 1 N/O contact, input voltage 24 V AC/DC, for assembly on NS 35/7.5, terminal width 6.2 mm, design rotated

#### **Product Features**

- ☑ Reduced costs as N terminal block is no longer required
- Up to 73% more space
- ✓ Wiring reduced to a minimum
- 2-layer contact with hard gold plating for universal applications from 1 mA to 5 A continuous current
- ✓ Integrated input circuit



### **Key Commercial Data**

Packing unit	1 pc
GTIN	4 017918 080310
Weight per Piece (excluding packing)	26.36 g
Custom tariff number	85364190
Country of origin	China

#### Technical data

#### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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#### **Dimensions**

Width	6.2 mm
Height	80 mm



### Technical data

#### **Dimensions**

Depth	56 mm
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#### Ambient conditions

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

#### Coil side

Nominal input voltage U <sub>N</sub>	24 V AC/DC
	24 V DC
	24 V AC
Input voltage range in reference to U <sub>N</sub>	0.8 1.1
Typical input current at U <sub>N</sub>	6.5 mA
Typical response time	5 ms
Typical release time	15 ms
Protective circuit	Bridge rectifier Bridge rectifier
Operating voltage display	Yellow LED
Power dissipation for nominal condition	0.16 W

#### Contact side

Contact type	1 N/O contact (double contact)
Contact material	AgNi, hard gold-plated
Maximum switching voltage	250 V AC
	125 V DC
Minimum switching voltage	0.1 V
Min. switching current	1 mA
Maximum inrush current	5 A
Limiting continuous current	3 A (5 A up to 35°C at 24 V DC)
Interrupting rating (ohmic load) max.	72 W (at 24 V DC)
	60 W (at 48 V DC)
	50 W (at 60 V DC)
	50 W (at 110 V DC)
	750 VA (for 250 V AC)
	120 W (at 24 V DC - up to 35°)

#### General

Test voltage relay winding/relay contact	2 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	Approx. 2 x 10 <sup>7</sup> cycles
Standards/regulations	IEC 60664



### Technical data

#### General

	EN 50178
	IEC 62103
Rated surge voltage/insulation	Basic insulation
Pollution degree	2
Overvoltage category	III
Mounting position	any
Assembly instructions	In rows with zero spacing

### Connection data input side

Connection name	Coil side
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm² 2.5 mm²
Conductor cross section flexible	0.2 mm² 2.5 mm²
AWG conductor cross section	24 14

#### Connection data output side

Connection name	Contact side
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm <sup>2</sup> 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> 2.5 mm <sup>2</sup>
AWG conductor cross section	24 14

### Classifications

#### eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371601



# Classifications

#### **ETIM**

ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437

### **UNSPSC**

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

cUL Recognized

Approvals
Approvals
Approvals
UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized
Ex Approvals
Approvals submitted
Approval details
UL Recognized <b>\$1</b>

EAC



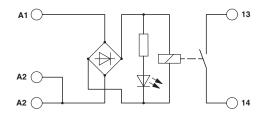
## Approvals

EAC

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### Drawings

### Circuit diagram



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