

**MIRO 12,4 110V-2U-FK output relay IN: 110 VAC/DC - OUT: 250 VAC/DC / 6 A**

110 V AC/DC  
Spring clamp terminals

**Image**

Vicarious picture

**Approvals****Switching capacity according to (EN 60947)**

24 V	AC12;6 A	AC15; 3 A	DC13; 1 A
110 V	AC12;6 A	AC15; 3 A	DC13; 0.2 A
230 V	AC12;6 A	AC15; 3 A	DC13; 0.1 A

**Input**

Input voltage	95...121 V AC/DC
Input current	approx. 7 mA
LED display	LED (green)

**Output**

Switching voltage	max. 250 V AC/DC
Switching current	max. 6 A (see table)
Min. load current	10 mA/12 V DC
Breaking capacity (voltage dependent)	max. 1500 VA/120 W
Switching frequency	max. 10 Hz
Contact material	Ag Sn O <sub>2</sub>
Energize/release/contact bounce time	10/15/1.5 ms

**General data**

Mech./ elect. life	2 × 10 <sup>7</sup> /load dependent (for inductive loads we recommend interference suppression components connected parallel to the coil)
Test isolation voltage	4 kV; safe separation (EN 60947-1)
Temperature range	-20...+55 °C
Mounting method	DIN-rail mountable (EN 60715)
Dimensions H × W × D	90 x 12.4 x 65 mm

All data on this data sheet was compiled carefully.

Liability regarding correctness, completeness, and actuality is limited to gross negligence. Created: 05/12

**Commercial data**

Gross weight	46
Net weight	46
Weight unit	gram
Basic unit	pc.
Customs tariff number	85364900
Unit (piece)	1
Limited value	1

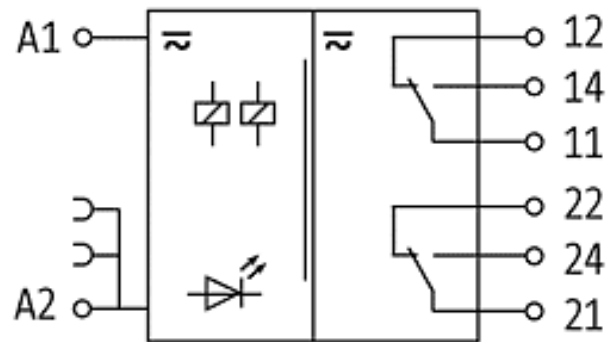
**Accessories**

	<b>Art.-No.</b>
Wiring accessorie plug link	90961
Wiring accessorie 16 pole cross-section: 1 mm <sup>2</sup>	90977
Control systems Label plate Miro	90901

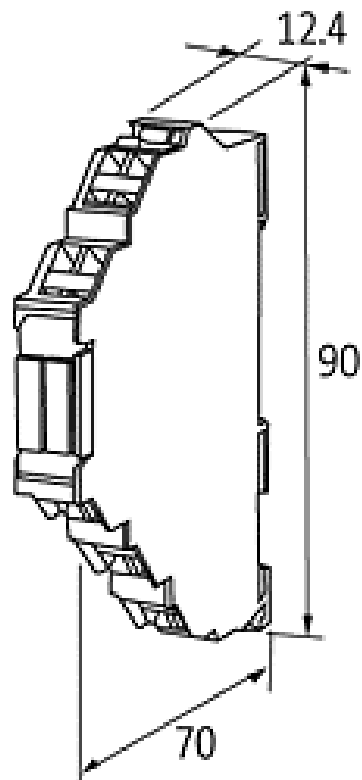
**Comments**

When the max. switching voltage/current is exceeded the gold plating is destroyed. The relay will then take on the properties of an output type.

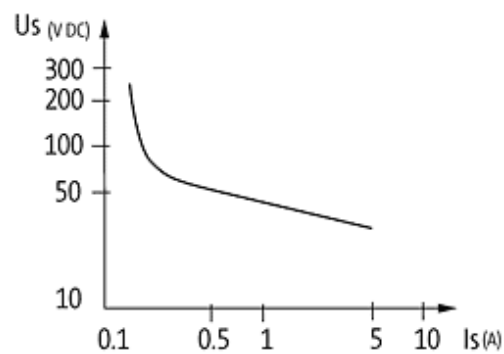
## Circuit diagram



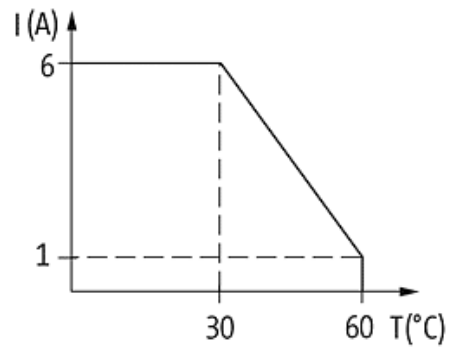
## Dimension drawing



## Load limit curve



De-rating curve



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