E1K16A 230V AC

Manufacturer data sheet: V1.037

Complementary products - Coupling relays

Status: Available Data sheet created: 01.07.2025

Item Number: 110701 - **Serie:** Enya - **EAN:** 9008662014589



- Coupling relay Series ENYA
- 1 N.O. (SPST) relay output contact
- Supply voltage 230V AC
- Width 17.5mm
- Installation design

Description

Coupling units allowing manual intervention in the control process provide benefits in maintaining and operating individual plant sections. Current transformers for converting analog signals or temperatures to standard signals are also available.

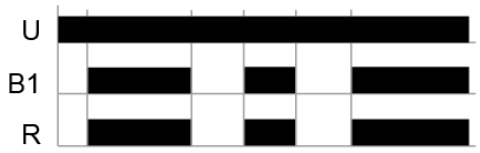
General information

Short description	Koppelrelais, 1 Schließer, 16A
Item Number	110701
EAN	9008662014589
Main category	Complementary Products
Series	Enya
Type	E1K16A 230V AC
Design	Installation design
Supply	230V AC
Dimensions	17.5 x 87 x 65 mm

E1K16A 230V AC

Functions and measurands

Amount of functions 1



Coupling (-)

Indicators

Supply/time lapse 1	Green LED U ON: indication of supply voltage
Relay state	Yellow LED ON/OFF: indication of relay output

Mechanical design

Housing material	made of self-extinguishing plastic
Housing - protection degree	IP40
Mounting	top hat rail TH 35 7,5-15 according to IEC 60715:2017 / EN 60715:2017
Terminals/connections	Touch-proof clamping yoke terminals according to DGUV 3 (Screwdriver PZ1 required)
Terminals - protection degree	IP20
Mounting position	any
Max. Tightening Torque	1 Nm
Terminal capacity	• 1 x 0.5 to 2.5mm² with/without ferrule • 1 x 4mm² without wire end ferrule • 2 x 0.5 to 1.5mm² with/without end sleeves • 2 x 2.5mm² flexible without ferrules

Supply circuit

Terminals/connections	L-N
Supply voltage a.c.	230 V
Supply voltage tolerance a.c.	-15% ... +10%
Rated frequency [Hz]	48 ... 63 Hz
Rated consumption a.c.	1,55 W / 2,8 VA
Duty cycle	typ. 150 ms
Drop-out voltage	> 40 V a.c.
Overvoltage category	III (IEC 60664-1)
Rated surge voltage	4 kV

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Output curcuit

Type	Relay
Contact 1	1 normally open contact
Terminals 1	L-18
Rated voltage	250 V a.c.
Switching Capacity 1	10 A a.c. (with 100% duty cycle) (distance < 5 mm)
Switching capacity	16 A a.c. (with 100% duty cycle) (distance > 5 mm)
Einschaltspitzenstrom	120A (LED and lamp load) (20 ms)
Contacts material	AgSnO2
Mechanical life	10 x 10^6 switching cycles
Electrical life	10^5 switching cycles (16 A / 250 V)
Electrical life 2	typ. 80 x 10^3 switching cycles (1000 W / 250 V)
Utilization categorie	AC1: 4000 VA (16 A / 250 V a.c.)
Switching frequency	max. 6/min at 1000 VA resistive load

Control input

Control input	B1
Terminals/connections	B1-L
Type	1 potential free normally open contact

Ambient conditions and general specifications

Ambient temperature IEC	-25 ... +55°C
Storage temperature	-25 ... +70°C
Transport temperature	-25 ... +70°C
Relative humidity	15% ... 85% (IEC 60721-3-3 class 3K3)
Pollution degree	2, pollution level can be increased by installation in suitable enclosures (according to IEC 60664-1)

Logistics

Minimum Quantity	1
Tariff Number	85364900
EAN	9008662014589
Country of Origin	AT

Available declarations / conformities

EAC	✓
CE	✓
REACH	Open document
WEEE	Open document
TSCA	Open document
RoHs	Open document
CMRT	Open document

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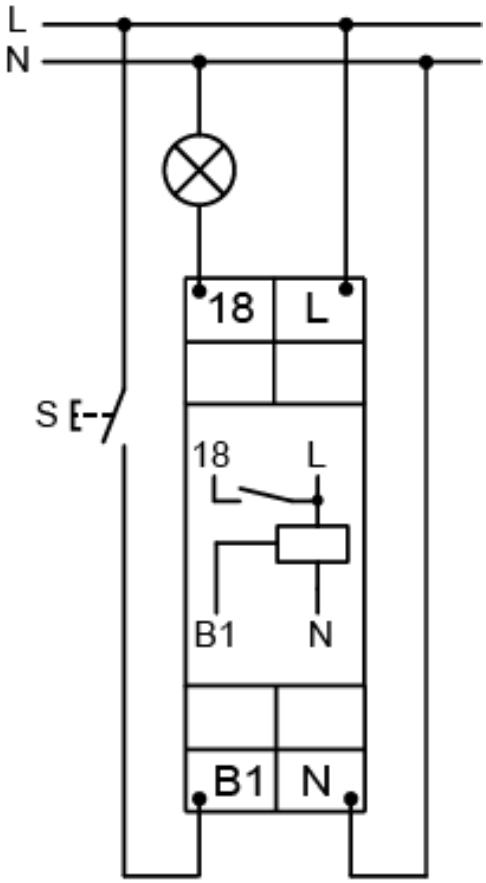
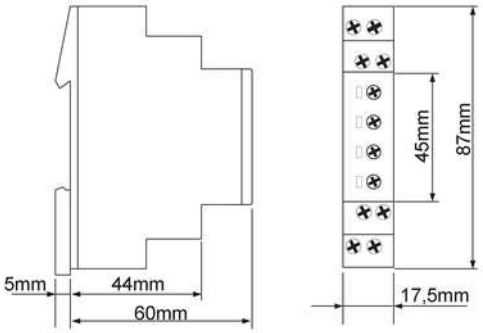
Media & drawings







Dimensions

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Changes and errors excepted