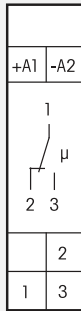


## ER12-001-UC



### 1 change over contact potential free 16A/250V AC, incandescent lamp load up to 2000W. No standby loss.

Modular device for DIN-EN 60715 TH35 rail mounting.  
1 module = 18mm wide, 58mm deep.

State-of-the-art hybrid technology combines advantages of nonwearing electronic control with high capacity of special relays. Universal control voltage 8 to 230V UC.

Low control power demand, therefore substantially less heat is generated.

Integrated free-wheeling anti-surge diode (A1 = +, A2 = -).

**Safe disconnection to VDE 0106, Part 101; therefore, these devices can also be used as coupling relays.**

**By using a bistable relay coil power loss and heating is avoided even in the on mode.**

The relay contact can be open or closed when putting into operation. It will be synchronised at first operation.

**This relay is not suitable to feed back the switching voltage signal of a dimmer switch. Use only relays ESR12DDX-UC, ESR12NP-230V+UC or ESR61NP-230V+UC for this purpose.**

*This electronic switchgear represents the latest generation:*

*The electronics does not have an internal power supply and therefore no standby loss.*

*The microcontroller is activated when the control contact closes. This switches the bistable relay to the correct direction. The bistable relay switches back either when the control contact opens or when the control voltage falls.*

Technical data page C10.  
Housing for operating instructions  
GBA12 page Z5.

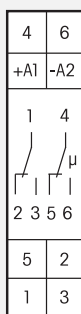
**ER12-001-UC**

1 CO 16 A

EAN 4010312205365

**38,10 €/pc.**

## ER12-002-UC



### 2 change over contacts potential free 16A/250V AC, incandescent lamp load up to 2000W. No standby loss.

Modular device for DIN-EN 60715 TH35 rail mounting. 1 module = 18mm wide, 58mm deep.

State-of-the-art hybrid technology combines advantages of nonwearing electronic control with high capacity of special relays.

Low switching noise. Contact position indicator with LED.

Integrated free-wheeling anti-surge diode (A1 = +, A2 = -).

**By using a bistable relay coil power loss and heating is avoided even in the on mode.**

The relay contact can be open or closed when putting into operation. It will be synchronised at first operation.

**This relay is not suitable to feed back the switching voltage signal of a dimmer switch. Use only relays ESR12DDX-UC, ESR12NP-230V+UC or ESR61NP-230V+UC for this purpose.**

*This electronic switchgear represents the latest generation:*

*The electronics does not have an internal power supply and therefore no standby loss.*

*The microcontroller is activated when the control contact closes. This switches the bistable relay to the correct direction. The bistable relay switches back either when the control contact opens or when the control voltage falls.*

Technical data page C10. Housing for operating instructions GBA12 page Z5.

**ER12-002-UC**

2 CO 16 A

EAN 4010312205372

**44,50 €/pc.**