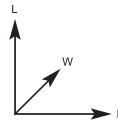




# EURO 88E2H – 6,3mm

Article: **88E2H3012D1**

ELECTROMECHANICAL RELAY INTERFACE  
 – 1 CO contact (SPDT)  
 – Model: 12VUC  
 – 12VDC Coil – Screw connection system  
 Only 6,3mm thickness



## GENERAL INFORMATION

|              |                    |
|--------------|--------------------|
| Series       | <b>88E2H</b>       |
| Item         | <b>88E2H3012D1</b> |
| Weight/Piece | <b>29.8 g</b>      |
| Color        | <b>Grey</b>        |
| Q.ty p.pck.  | <b>10</b>          |
| Q.ty p. box  | <b>-</b>           |

## GENERAL DATA

### Dimensions

|                |                     |
|----------------|---------------------|
| Width mm(in.)  | 6.3 (0.25)          |
| Length mm(in.) | 76 (2.99)           |
| Height mm(in.) | 88.3 (3.48)         |
| Mounting type  | DIN rail Omega TH35 |

### Ambient conditions

|                       |               |
|-----------------------|---------------|
| Operating temperature | -40°C...+70°C |
| Storage temperature   | -40°C...+85°C |

### INPUT data

|                         |               |
|-------------------------|---------------|
| Rated Voltage           | 12VDC         |
| Coil rated voltage      | 12VDC         |
| Rated power consumption | 170mW         |
| Operating Range at 23°C | 9,0...18,0VDC |

### OUTPUT data

|                   |                    |
|-------------------|--------------------|
| Contact type      | 1CO contact (SPDT) |
| Contacts material | AgSnO <sub>2</sub> |
| Rated current     | 6A                 |
| Rated voltage     | 250V               |
| Status display    | Green LED          |



### OUTPUT data

|                                           |                               |
|-------------------------------------------|-------------------------------|
| Max. breaking capacity, AC1               | 1500VA                        |
| Min. breaking capacity, AC1               | 1W                            |
| Max. switching voltage                    | 250VAC / 30VDC                |
| Max resistive load AC                     | 6A-277VAC                     |
| Min. switching current                    | 100mA                         |
| <b>Rated data</b>                         |                               |
| Protection degree (IP)                    | IP20                          |
| Overvoltage category                      | III                           |
| Pollution degree                          | 3                             |
| Dielectric strength Coil-contact/circuit  | 4kV - 60s                     |
| Dielectric strength between open contacts | 1kV - 60s                     |
| Mechanical endurance                      | 1 x 10 <sup>7</sup> OPS       |
| Connecting capacity                       | 2,5mm <sup>2</sup> /AWG 26-14 |
| Max tightening torque                     | 0,5 Nm / 4.5 lb-in            |
| Stripping length                          | 7mm                           |

### APPROVALS



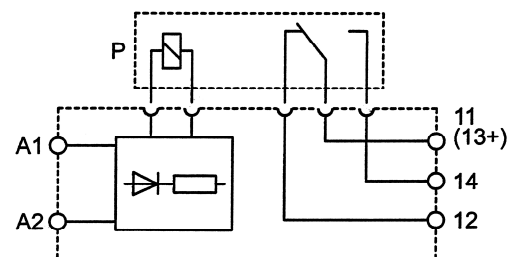
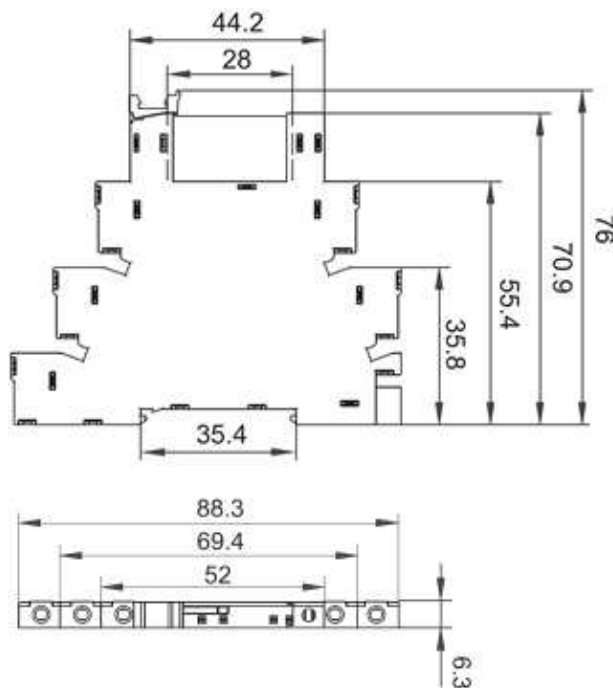
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### TECHNICAL DRAWINGS





## ACCESSORIES

### Marking

| Item           | Description                                                          |
|----------------|----------------------------------------------------------------------|
| <b>88D2H50</b> | Marking tags (6 x 10 mm) white ( <i>special marking on request</i> ) |

### Spares

| Item                | Description                                               |
|---------------------|-----------------------------------------------------------|
| <b>88RED012H1Z0</b> | Spare relay: Slim relay – 1CO (SPDT) – 12VDC_EMR          |
| <b>88B2H3024U1</b>  | Spare socket: Empty socket 6,3mm – input 12-24VUC – screw |

### Additional items

| Item                | Description                                                 |
|---------------------|-------------------------------------------------------------|
| <b>88D2H00</b>      | End plate - grey                                            |
| <b>88D2H20-20BL</b> | Plug-in insulated Jumper bar 20 poles – black – pitch 6,3mm |
| <b>88D2H20-20BK</b> | Plug-in insulated Jumper bar 20 poles – blue – pitch 6,3mm  |
| <b>88D2H20-20RD</b> | Plug-in insulated Jumper bar 20 poles – red – pitch 6,3mm   |
| <b>43442</b>        | EURO STOP - End bracket width 9                             |
| <b>43444</b>        | EURO STOP - End bracket width 6                             |
| <b>43447</b>        | EURO STOP - Snap-on end bracket width 6                     |
| <b>43449</b>        | EURO STOP - End bracket cover profile carrier               |
| <b>43449-C</b>      | EURO STOP - Cover profile - Length 100cm                    |

### Terminal rail systems

| Item           | Description                                      |
|----------------|--------------------------------------------------|
| <b>43910</b>   | Steel Omega rail TH35/7,5mm - 2mt length         |
| <b>43910/F</b> | Slotted steel Omega rail TH35/7,5mm - 2mt length |
| <b>43911</b>   | Steel Omega rail TH35/15mm - 2mt length          |
| <b>43911/F</b> | Slotted steel Omega rail TH35/15mm - 2mt length  |
| <b>43028</b>   | Angled support bracket                           |