



EPN548



## Latching relay 4NO 48V

### Technical characteristics

#### Functions

|                    |      |
|--------------------|------|
| Max. temporisation | 60 s |
|--------------------|------|

#### Configuration

|                   |   |
|-------------------|---|
| Number of modules | 2 |
|-------------------|---|

#### Main electrical features

|                              |             |
|------------------------------|-------------|
| Rated operational voltage Ue | 250 / 400 V |
| Frequency                    | 50/60 Hz    |

#### Voltage

|                          |       |
|--------------------------|-------|
| Rated insulation voltage | 400 V |
| DC control voltage       | 24 V  |
| Command voltage AC       | 48 V  |

#### Electric current

|                   |      |
|-------------------|------|
| Quiescent current | 6 mA |
| Rated current     | 16 A |

#### Dimensions

|                             |       |
|-----------------------------|-------|
| Depth of installed product  | 63 mm |
| Height of installed product | 83 mm |
| Width of installed product  | 35 mm |

#### Frequency

|           |             |
|-----------|-------------|
| Frequency | 50 to 60 Hz |
|-----------|-------------|

#### Power

|                           |       |
|---------------------------|-------|
| Inrush power absorbed     | 55 VA |
| Total power loss under IN | 4.8 W |

#### Resistance

|                    |      |
|--------------------|------|
| Winding resistance | 24 Ω |
|--------------------|------|

#### Endurance

|  |        |
|--|--------|
| Electrical durability at nominal load in AC21in operating cycles | 150000 |
| Number of mechanical operations                                  | 500000 |

#### Fluorescent bulbs control

|  |        |
|--|--------|
| Max. power with fluorescent parallel lamps | 900 VA |
|--|--------|

**Incandescent bulbs control**

---

|                                    |        |
|------------------------------------|--------|
| Max. power with incandescent lamps | 1800 W |
|------------------------------------|--------|

**Installation, mounting**

---

|                   |       |
|-------------------|-------|
| Tightening torque | 1,6Nm |
|-------------------|-------|

**Connection**

---

|   |                      |
|---|----------------------|
| Connection cross-sect. flexible conductor | 1 / 6mm <sup>2</sup> |
|---|----------------------|

---

|                                    |                         |
|------------------------------------|-------------------------|
| Connection cross-sect. rigid cable | 1,5 / 10mm <sup>2</sup> |
|------------------------------------|-------------------------|

---

|                    |   |
|--------------------|---|
| Number of contacts | 4 |
|--------------------|---|

---

|                  |     |
|------------------|-----|
| Type of contacts | 4NO |
|------------------|-----|

---

|                    |            |
|--------------------|------------|
| Type of connection | with screw |
|--------------------|------------|

**Equipment**

---

|                        |                 |
|------------------------|-----------------|
| Type of latching relay | electromechanic |
|------------------------|-----------------|

**Use**

---

|                |       |
|----------------|-------|
| Pulse duration | 50 ms |
|----------------|-------|

**Standards**

---

|               |                |
|---------------|----------------|
| Standard text | IEC/EN 60669-2 |
|---------------|----------------|

---

|                         |           |
|-------------------------|-----------|
| European directive WEEE | concerned |
|-------------------------|-----------|

**Safety**

---

|                     |      |
|---------------------|------|
| Protection index IP | IP20 |
|---------------------|------|

**Use conditions**

---

|                       |            |
|-----------------------|------------|
| Operating temperature | -5...40 °C |
|-----------------------|------------|

---

|                               |             |
|-------------------------------|-------------|
| Storage/transport temperature | -40...80 °C |
|-------------------------------|-------------|

---

|                           |     |
|---------------------------|-----|
| Manual operation possible | Yes |
|---------------------------|-----|