



EPN540



## Latching relay 4NO 230V

### 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 | 110 V |
|--------------------|-------|

|                    |       |
|--------------------|-------|
| Command voltage AC | 230 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 | 612 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**

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

**Installation, mounting**

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

**Connection**

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

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

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

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

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

**Equipment**

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

**Use**

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

**Standards**

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

**Safety**

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|               |     |
|---------------|-----|
| REACH conform | Yes |
|---------------|-----|

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|              |     |
|--------------|-----|
| RoHS conform | Yes |
|--------------|-----|

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|              |    |
|--------------|----|
| Halogen free | No |
|--------------|----|

**Use conditions**

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

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|                               |             |
|-------------------------------|-------------|
| Storage/transport temperature | -40...80 °C |
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|                           |     |
|---------------------------|-----|
| Manual operation possible | Yes |
|---------------------------|-----|