

## Auxiliary contacts for pre-break and signalling - Right side operation

### Use

Pre-break and signalling of positions 0 and I:  
- 1 to 2 NO/NC auxiliary contacts,  
- 1 to 4 NO or NC auxiliary contacts.

### Connection to the control circuit

By 6.35 mm fast-on terminal.

### Characteristics

NO/NC A/C: IP2X.

### Electrical characteristics

30 000 operations.

| NO/NC contact<br>Rating (A) | Position AC     | Reference |
|-----------------------------|-----------------|-----------|
| ND 125 ... ND 500           | 1 <sup>st</sup> | 3999 0021 |
| ND 125 ... ND 500           | 2               | 3999 0022 |
| 630 ... 1600                | 1 <sup>st</sup> | 2799 0011 |
| 630 ... 1600                | 2 <sup>nd</sup> | 2799 0012 |

| NC contact<br>Rating (A) | Position AC | Reference |
|--------------------------|-------------|-----------|
| ND 125 ... ND 500        | 1 to 4      | 3999 0701 |

| NO contact<br>Rating (A) | Position AC | Reference |
|--------------------------|-------------|-----------|
| ND 125 ... ND 500        | 1 to 4      | 3999 0702 |

| Low level NO/NC auxiliary contacts<br>Rating (A) | Position AC | Reference |
|--------------------------------------------------|-------------|-----------|
| 630 ... 1600                                     | 1           | 2799 0111 |



### Characteristics

| Rating (A)        | Contact type     | Current nominal (A) | Operating current I <sub>e</sub> (A) |                  |                 |                 |
|-------------------|------------------|---------------------|--------------------------------------|------------------|-----------------|-----------------|
|                   |                  |                     | 250 VAC<br>AC-13                     | 400 VAC<br>AC-13 | 24 VDC<br>DC-13 | 48 VDC<br>DC-13 |
| ND 125 ... ND 500 | changeover NO/NC | 16                  |                                      | 3                | 12              | 2               |
| ND 125 ... ND 500 | NC               | 10                  | 6                                    | 4                | 5               | 3               |
| ND 125 ... ND 500 | NO               | 10                  | 6                                    | 4                | 5               | 3               |
| 630 ... 1600      | changeover NO/NC | 16                  | 12                                   | 8                | 14              | 6               |

## S type auxiliary contacts for signalisation - Front and right side operation

### Use

Signalling of positions 0 and I,  
1 to 4 NO+NC auxiliary contacts.

### Connection to the control circuit

By terminals with a max. cross-section of  
10 mm<sup>2</sup>.

### Electrical principle

The NO+NC S-type auxiliary contacts can  
be configured as 2 NO or 2 NC.

### Electrical characteristics

30 000 operations.

| NO+NC contact<br>Rating (A) | Position AC | Reference |
|-----------------------------|-------------|-----------|
| ND 125 ... ND 500           | 1           | 3999 0041 |
| ND 125 ... ND 500           | 2           | 3999 0042 |
| ND 125 ... ND 500           | 3           | 3999 0043 |
| ND 125 ... ND 500           | 4           | 3999 0044 |

### Characteristics

| Rating (A)        | Contact type | Current nominal (A) | Operating current I <sub>e</sub> (A) |                  |
|-------------------|--------------|---------------------|--------------------------------------|------------------|
|                   |              |                     | 250 VAC<br>AC-13                     | 400 VAC<br>AC-13 |
| ND 125 ... ND 500 | NO + NC      | 20                  | 10                                   | 8                |



## Terminal shrouds

### Use

Top or bottom protection against direct  
contact with terminals or connection parts.

Perforations allow remote thermographic  
inspection without the need to remove the  
shrouds.

### Advantage

| Rating (A)        | No. of poles | Position      | Reference                |
|-------------------|--------------|---------------|--------------------------|
| ND 125 ... ND 200 | 3 P          | top or bottom | 3998 3016 <sup>(1)</sup> |
| ND 125 ... ND 200 | 4 P          | top or bottom | 3998 4016 <sup>(2)</sup> |
| ND 250 ... ND 500 | 3 P          | top or bottom | 3998 3025 <sup>(1)</sup> |
| ND 250 ... ND 500 | 4 P          | top or bottom | 3998 4025 <sup>(2)</sup> |

(1) Reference composed of 3 pieces.

(2) Reference composed of 4 pieces.

