

### Auxiliary contacts for pre-break and signalling - Front 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,  
- 1 to 4 NO+NC auxiliary contacts.
- Connection to the control circuit  
6.35 mm fast-on terminal.  
Characteristics  
NO/NC A/C: IP2X.  
Electrical characteristics  
30 000 operations.



| NO/NC contact Rating (A) | Position AC     | Reference                |
|--------------------------|-----------------|--------------------------|
| ND 125 ... ND 500        | 1 <sup>st</sup> | 3999 0021 <sup>(1)</sup> |
| ND 125 ... ND 500        | 2 <sup>nd</sup> | 3999 0022 <sup>(1)</sup> |
| 630 ... 1600             | 1 <sup>st</sup> | 2799 0001                |
| 630 ... 1600             | 2 <sup>nd</sup> | 2799 0002                |

(1) For direct operation.

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

(1) For external operation.

#### Characteristics

| Rating (A)        | Contact type     | Current nominal (A) | Operating current I <sub>e</sub> (A) |               |              |              |
|-------------------|------------------|---------------------|--------------------------------------|---------------|--------------|--------------|
|                   |                  |                     | 250 VAC AC-13                        | 400 VAC AC-13 | 24 VDC DC-13 | 48 VDC 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            |
| 630 ... 1600      | NO + NC          | 15                  | 10                                   | 6             | 15           | 12           |

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

(1) For external operation.

| NO + NC contact Rating (A) | Position AC | Reference |
|----------------------------|-------------|-----------|
| 630 ... 1600               | 1           | 2799 0005 |

| Low level NO/NC auxiliary contacts |             |           |
|------------------------------------|-------------|-----------|
| Rating (A)                         | Position AC | Reference |
| 630 ... 1600                       | 1           | 2699 0101 |

### 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 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 Rating (A) | Position AC | Reference |
|-----------------------|-------------|-----------|
| ND 125 ... ND 500     | 1 to 4      | 3999 0701 |

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

| Low level NO/NC auxiliary contacts |             |           |
|------------------------------------|-------------|-----------|
| 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 AC-13                        | 400 VAC AC-13 | 24 VDC DC-13 | 48 VDC 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            |

# FUSERBLOC

## Fuse combination switches

for industrial fuses up to 1250 A

## Accessories (continued)

### A-type auxiliary contacts

#### Use

Pre-break and position 0 and I signalling by 1 or 2 NO /NC auxiliary contacts. For low level use, specific auxiliary contacts: please consult us.

#### Connection to the control circuit

By 6.35 mm fast-on terminal.

#### Electrical characteristics

30 000 operations.

#### References

| NO / NC auxiliary contacts |            |            |                          |
|----------------------------|------------|------------|--------------------------|
| Rating (A)                 | Frame size | Contact(s) | Reference                |
| CD 20 ... CD 32            | 0          | 1          | 3999 0001                |
| CD 20 ... CD 32            | 0          | 2          | 3999 0002                |
| 32 ... 400 <sup>(1)</sup>  | 1 ... 6    | 1          | 3999 0021 <sup>(2)</sup> |
| 32 ... 400 <sup>(1)</sup>  | 1 ... 6    | 2          | 3999 0022 <sup>(2)</sup> |

(1) Side direct operation switch only.

(2) A type auxiliary contacts cannot be mounted in conjunction with integrated solid neutral.

#### Characteristics

| Rating (A)    | 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 |
| CD 20 ... 400 | 16                  | 4                                    | 2                | 12              | 2               |



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access\_047\_a\_2\_cat

### U-type auxiliary contacts<sup>(1)</sup>

#### Use

Compact universal type auxiliary contacts which can be configured for operation in either, or both, ON and TEST positions for CD 20 to 1250 A FUSERBLOC. Each slot can accommodate up to two interlocked A/Cs.

#### Connection to the control circuit

By terminals with max. section 2 x 2.5 mm<sup>2</sup>.

For FUSERBLOC CD 20 to 400 A: Pre-break and signalling of positions 0, I and TEST.

For FUSERBLOC ≥ 630 A: Pre-break and position 0 and I signalling.

#### References

| NO auxiliary contacts |            |            |                          |
|-----------------------|------------|------------|--------------------------|
| Rating (A)            | Frame size | Contact(s) | Reference <sup>(1)</sup> |
| CD 20 ... 1250        | 0 ... 18   | 1          | 3999 0701 <sup>(2)</sup> |

| NC auxiliary contacts |            |            |                          |
|-----------------------|------------|------------|--------------------------|
| Rating (A)            | Frame size | Contact(s) | Reference <sup>(1)</sup> |
| CD 20 ... 1250        | 0 ... 18   | 1          | 3999 0702 <sup>(2)</sup> |

(1) Cannot be mounted in direct operation CD20 - CD32 switches..

(2) 4 auxiliary contacts as standard without additional A/C holder.

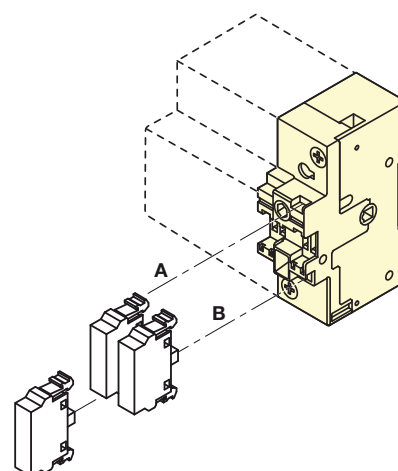
| Contact holder for additional auxiliary contacts |            |               |           |
|--------------------------------------------------|------------|---------------|-----------|
| Rating (A)                                       | Frame size | Contact(s)    | Reference |
| CD 20 ... CD 32                                  | 0          | 4 (2 x 2 max) | 3999 0710 |
| 32 ... 400                                       | 11 ... 16  | 4 (2 x 2 max) | 3999 0600 |

#### Characteristics

| Rating (A)     | Operating current I <sub>e</sub> (A) |                  |                 |                 |
|----------------|--------------------------------------|------------------|-----------------|-----------------|
|                | 250 VAC<br>AC-15                     | 400 VAC<br>AC-15 | 24 VDC<br>DC-13 | 48 VDC<br>DC-13 |
| CD 20 ... 1250 | 3                                    | 1.8              | 2.8             | 1.4             |



access\_056\_a\_1\_cat



access\_043\_a\_1\_x\_cat

(1) CD 20 - CD 32 : U-type auxiliary contacts cannot be mounted on switches with an integrated solid neutral or with direct operation handle.