

# C60H

## Miniature circuit breakers Ratings 1 to 63A, breaking capacity 15kA



1, 2, 3 and 4 pole Type B Miniature circuit breakers



1, 2, 3 and 4 pole Type C Miniature circuit breakers



1, 2 and 3 pole Type D Miniature circuit breakers

### Installation

- Symmetrical DIN rail.
- Direct panel mounting.
- Isobar 4 pan assemblies.

### Technical data

- **Current ratings:** 1 to 63A at 30°C to BS EN60898.
- **Voltage ratings:** 240 - 440V ac.
- **Breaking capacity:** BS EN 60898: 10kA,  
BS EN 60947-2: 15kA.

See page 174 for further information on breaking capacities and dc ratings.

- **Operating cycles (O-C):** on load 20,000.
- **Operating temperature:** -30°C to +70°C.
- **Positive contact indication:** in accordance with BS7671.

#### Width:

| Pole | 18mm SP ways |
|------|--------------|
| 1    | 1            |
| 2    | 2            |
| 3    | 3            |
| 4    | 4            |

- **Dimensions:** see page 155.

#### Weight:

| Pole | Grams |
|------|-------|
| 1    | 110   |
| 2    | 220   |
| 3    | 340   |
| 4    | 450   |

- Accessories:** see page 29.
- Add on earth leakage:** see page 14.
- Technical data:** see page 168.

**Note:** 2 and 4 pole C60H MCB's are suitable for installation in Isobar 4 pan assemblies with NKIT.

## Miniature circuit breakers

### Ratings 1 to 63A, breaking capacity 15kA

#### C60HB type B (3 - 5In)

##### Applications

Protection and control of circuits against overloads and short circuits.

- In applications with general load characteristics.
- **Tripping characteristics:** BS EN 60898 type B: magnetic setting between 3 and 5 In.
- **Cable capacity:**<sub>2</sub>  
1 - 25A = 25mm<sup>2</sup>  
32 - 63A = 35mm<sup>2</sup>.
- **Tightening torque:**  
≤ 25A = 2.5Nm.  
32 - 63A = 3.5Nm.

#### C60HB miniature circuit breaker Part N°s

| Ratings (A) | 1P        | 2P        | 3P        | 4P        |
|-------------|-----------|-----------|-----------|-----------|
| 1           | C60HB 101 | C60HB 201 | C60HB 301 | C60HB 401 |
| 2           | C60HB 102 | C60HB 202 | C60HB 302 | C60HB 402 |
| 4           | C60HB 104 | C60HB 204 | C60HB 304 | C60HB 404 |
| 6           | C60HB 106 | C60HB 206 | C60HB 306 | C60HB 406 |
| 10          | C60HB 110 | C60HB 210 | C60HB 310 | C60HB 410 |
| 16          | C60HB 116 | C60HB 216 | C60HB 316 | C60HB 416 |
| 20          | C60HB 120 | C60HB 220 | C60HB 320 | C60HB 420 |
| 25          | C60HB 125 | C60HB 225 | C60HB 325 | C60HB 425 |
| 32          | C60HB 132 | C60HB 232 | C60HB 332 | C60HB 432 |
| 40          | C60HB 140 | C60HB 240 | C60HB 340 | C60HB 440 |
| 50          | C60HB 150 | C60HB 250 | C60HB 350 | C60HB 450 |
| 63          | C60HB 163 | C60HB 263 | C60HB 363 | C60HB 463 |

#### C60HC type C (5 - 10In)

##### Applications

Protection and control of circuits against overloads and short circuits.

- In applications with moderate inrush currents, such as certain lighting systems.
- **Tripping characteristics:** BS EN 60898 type C: magnetic setting between 5 and 10 In.
- **Cable capacity:**<sub>2</sub>  
1 - 25A = 25mm<sup>2</sup>  
32 - 63A = 35mm<sup>2</sup>.
- **Tightening torque:**  
≤ 25A = 2.5Nm.  
32 - 63A = 3.5Nm.

#### C60HC miniature circuit breaker Part N°s

| Ratings (A) | 1P        | 2P        | 3P        | 4P    |
|-------------|-----------|-----------|-----------|-------|
| 1           | C60HC 101 | C60HC 201 | C60HC 301 |       |
| 2           | C60HC 102 | C60HC 202 | C60HC 302 |       |
| 4           | C60HC 104 | C60HC 204 | C60HC 304 |       |
| 6           | C60HC 106 | C60HC 206 | C60HC 306 | 24876 |
| 10          | C60HC 110 | C60HC 210 | C60HC 310 | 24877 |
| 16          | C60HC 116 | C60HC 216 | C60HC 316 | 24878 |
| 20          | C60HC 120 | C60HC 220 | C60HC 320 | 24879 |
| 25          | C60HC 125 | C60HC 225 | C60HC 325 | 24880 |
| 32          | C60HC 132 | C60HC 232 | C60HC 332 | 24881 |
| 40          | C60HC 140 | C60HC 240 | C60HC 340 | 24882 |
| 50          | C60HC 150 | C60HC 250 | C60HC 350 | 24883 |
| 63          | C60HC 163 | C60HC 263 | C60HC 363 | 24884 |

#### C60HD type D (10 - 14In)

##### Applications

Protection and control of circuits against overloads and short circuits.

- In applications with high inrush currents, such as transformers, motors, certain lighting systems etc.
- **Tripping characteristics:** BS EN 60898 type D: magnetic setting between 10 and 14 In.
- **Cable capacity:**<sub>2</sub>  
1 - 25A = 25mm<sup>2</sup>  
32 - 63A = 35mm<sup>2</sup>.
- **Tightening torque:**  
≤ 25A = 2.5Nm.  
32 - 63A = 3.5Nm.

#### C60HD miniature circuit breakers Part N°s

| Ratings (A) | 1P        | 2P        | 3P        |
|-------------|-----------|-----------|-----------|
| 1           | C60HD 101 | C60HD 201 | C60HD 301 |
| 2           | C60HD 102 | C60HD 202 | C60HD 302 |
| 4           | C60HD 104 | C60HD 204 | C60HD 304 |
| 6           | C60HD 106 | C60HD 206 | C60HD 306 |
| 10          | C60HD 110 | C60HD 210 | C60HD 310 |
| 16          | C60HD 116 | C60HD 216 | C60HD 316 |
| 20          | C60HD 120 | C60HD 220 | C60HD 320 |
| 25          | C60HD 125 | C60HD 225 | C60HD 325 |
| 32          | C60HD 132 | C60HD 232 | C60HD 332 |
| 40          | C60HD 140 | C60HD 240 | C60HD 340 |
| 50          | C60HD 150 | C60HD 250 | C60HD 350 |
| 63          | C60HD 163 | C60HD 263 | C60HD 363 |