**Over current switch, 32A, 2p, S-Char, AC**

**Part no.** FAZ-S32/2  
**Article no.** 278814  
**Catalog No.** FAZ-S32/2

Similar to illustration

### Delivery programme

**Basic function**  
Miniature circuit breakers

**Pole**  
2 pole

**Tripping characteristic**  
S

**Application**  
Switchgear for industrial and commercial applications

**Rated current** \( I_n \) A 32

**Rated switching capacity acc. to IEC/EN 60947-2** kA 10

**Product range** FAZ

### Technical data

#### Electrical

**Standards**  
IEC/EN 60947-2  
IEC/EN 60898

**Rated operational voltage**  
\( U_e \) V

\( U_e \) V AC 230/400

\( U_e \) V DC 48 (per pole)

**Rated switching capacity acc. to IEC/EN 60947-2** kA 10

**Operational switching capacity** kA 7.5

**Characteristic**  
B, C, D

**Max. back-up fuse**  
A gL/gG 125

**Selectivity Class**  
3

**Lifespan**  
Operations > 10000

**Direction of incoming supply** as required

#### Mechanical

**Standard front dimension** mm 45

**Enclosure height** mm 80

**Terminal protection**  
Finger and back-of-hand proof to BGV A2

**Mounting width per pole** mm 17.5

**Mounting**  
IEC/EN 60715 top-hat rail

**Degree of Protection**  
IP20, IP40 (when fitted)

**Terminals top and bottom**  
Twin-purpose terminals

**Terminal capacities**  

<table>
<thead>
<tr>
<th>mm²</th>
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<tbody>
<tr>
<td>1 x 25</td>
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<tr>
<td>2 x 10</td>
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**Thickness of busbar material** mm 0.8 … 2

**Mounting position** As required

### Design verification as per IEC/EN 61439

**Technical data for design verification**

| **Rated operational current for specified heat dissipation** | \( I_n \) A | 32 |
| **Heat dissipation per pole, current-dependent** | \( P_{vid} \) W | 0 |
| **Equipment heat dissipation, current-dependent** | \( P_{vid} \) W | 5.8 |
| **Static heat dissipation, non-current-dependent** | \( P_{vs} \) W | 0 |
| **Heat dissipation capacity** | \( P_{diss} \) W | 0 |
| **Operating ambient temperature min.** | °C | -25 |
Operating ambient temperature max. °C 75
linear, per +1 °C, results in a 0.5% reduction of current carrying capacity

### Technical data ETIM 6.0
Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)

<table>
<thead>
<tr>
<th>Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB)</th>
<th>ecl@ss8.1-27-14-19-01 [AAB905011]</th>
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</table>

#### Release characteristic
- Number of poles (total) 2
- Number of protected poles 2

#### Nominal rated current
- A 32

#### Nominal rated voltage
- V 230

#### Rated short-circuit breaking capacity Icn EN 60898 at 230 V
- kA 0

#### Rated short-circuit breaking capacity Icn EN 60898 at 400 V
- kA 0

#### Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V
- kA 10

#### Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V
- kA 10

#### Voltage type
- AC

#### Current limiting class
- 3

#### Frequency
- Hz 50 - 60

#### Concurrently switching N-neutral
- No

#### Suitable for flush-mounted installation
- No

#### Over voltage category
- 3

#### Pollution degree
- 2

#### Width in number of modular spacings
- 2

#### Built-in depth
- mm 70.5

#### Additional equipment possible
- Yes

#### Degree of protection (IP)
- IP20

### Approvals
#### Product Standards
- IEC/EN 60947-2; IEC/EN 60898; UL 1077; CSA-C22.2 No. 235; CE marking

#### UL File No.
- E177451

#### UL Category Control No.
- GVNU2, GVNU8

#### CSA File No.
- 204453

#### CSA Class No.
- 3215-30

#### North America Certification
- UL recognized, CSA certified

#### Conditions of Acceptability
- Supplementary Protector only

#### Suitable for
- Branch Circuits; not as BCPD

#### Current Limiting Circuit-Breaker
- No

#### Max. Voltage Rating
- 480Y/277 VAC; 96 VDC

#### Degree of Protection
- IEC: IP20, UL/CSA Type: -
Let-through energy $\int j^2 dt$
According to IEC/EN 60898
Tripping characteristic at 30 °C:
S according to IEC/EN 60947
Dimensions

Additional product information (links)
AWA1220-1755 Circuit-breaker