

# ATEX Sikkerhedsafbrydere

## Beregnet for ATEX Zone 21-22 (støv)



### Generelt









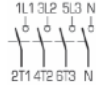
- Sikkerhedsafbrydere til Zone 21 og 22 (støv).
- 3polet eller 4 polet udgaver.
- Leveres i 25-32-40-63A
- Låsbar i Off position.
- Kan leveres i farverne grå RAL 7035 og gul Pantone 102C

### Tekniske data

- Materiale : Aluminiumskapsling
- Tæthedegrad: IP65
- Temperaturområde : -20 °C til +55 °C
- Direktiv: ATEX 94/9/CE
- EN80079-34, EN60947-3, EN61241-0
- EN60079-0, EN60079-31
- Godkendelser: II 2D Ex tb IIIC T85°C Db



### SIKKERHEDSAFBRYDERE ATEX ZONE 21 – 22

|   | FUNKTION  | BELASTNING   | TYPEBETEGNELSE   | VARENØ./EANNR.                                  |
|---|---|--|--|---|
| 140x105x105 mm  |   | I <sub>THE</sub> AC22A / 690V AC23A / 400V   |  |   |
|  |  | <br>32A 25A 25A<br>40A 32A 32A                | SQ025003DEX10 3P<br>SQ032003DEX10 3P                     | 8718234184800<br>8718234184824                  |
| 200X150X144mm   |   |  |  |   |
|  |  | <br>63A 63A 50A<br>80A 80A 75A<br>85A 85A 67A | SQ040003DEXB0 3P<br>SQ063003DEXB0 3P<br>SE100003BEXB0 3P | 8718234185241<br>8718234185265<br>8718234186163 |
| 200X150X144mm   |   |  |  |   |
|  |  | <br>63A 63A 40A<br>80A 80A 55A<br>85A 85A 67A | SE630004BEXB0 4P<br>SE800004BEXB0 4P<br>SE100004BEXB0 4P | 8718234185418<br>8718234185456<br>8718234186170 |

Huller til forskruninger: Hustype SQ025, SQ032 : Glatte huller for montering af 1xM20 + 1xM25 på de korte sider.  
 Hustype SQ40, SQ063, SE63, SE80, SE100: Glatte huller for montering af 1x M40 på de korte sider.



Vi er leveringsdygtige i ATEX forskruninger, møtrikker og blindpropper.  
 Ring til os på 7020 0522 og hør nærmere.

# Tekniske data

| EN 60947-3 CHARACTERISTICS                         |    | SQ025 | SQ032 | SQ063 | Auxiliary contacts |
|--|----|-------|-------|-------|--------------------|
| Rated operating voltage Ue                         | V  | 690   | 690   | 690   | 690                |
| Rated insulation voltage Ui                        | V  | 690   | 690   | 690   | 690                |
| Rated impulse withstand voltage Uimp (sectionable) | kV | 8     | 8     | 8     | 4                  |
| Rated thermal current Ith                          | A  | 32    | 40    | 80    | 16                 |
| Rated thermal current in enclosed Ithe             | A  | 32    | 40    | 80    | 10                 |
| Frequency  | Hz | 50/60 | 50/60 | 50/60 | 50/60              |

| RATED OPERATING CURRENT Ie: alternate current                           |                   | 690V | A    | 32     | 40      | 80  | AC-15<br>240V - 5A |
|---|-------------------|------|------|--------|---------|-----|--------------------|
| AC-21A Switching resistive loads with light overloads                   | 500V              | A    |      |        |         |     | DC-13              |
|   | 690V              | A    | 25   | 32     | 80      |     | 250V-0,44A         |
| AC-22A Switching mixed resistive and inductive loads at light overloads | 3 phase - 3 poles | 230V | A/kW | 25/7,5 | 32/10   | 75  |                    |
|   |                   | 400V | A/kW | 25/15  | 32/18,5 | 67  |                    |
| AC-23A Periodic switching of motors                                     |                   | 500V | A/kW | 25/15  | 32/22   | 67  |                    |
|   |                   | 690V | A/kW | 16/15  | 20/18,5 | 32  |                    |
| AC3 Starting of cage motors (interruption while running)                | 3 phase - 3 poles | 230V | A/kW | 22/5,5 | 27/7,5  | 60  |                    |
|   |                   | 400V | A/kW | 22/11  | 27/15   | 55  |                    |
|   |                   | 500V | A/kW | 22/11  | 27/18,5 | 45  |                    |
|   |                   | 690V | A/kW | 16/11  | 20/15   | 25  |                    |
| Nominal interruption power AC-23A (cosφ 0,45)                           |                   | 230V | A    | 200    | 256     | 600 |                    |
|   |                   | 400V | A    | 200    | 256     | 536 |                    |
|   |                   | 500V | A    | 200    | 256     | 536 |                    |
|   |                   | 690V | A    | 128    | 160     |     |                    |

| EN 60947-3 CHARACTERISTICS                         |    | SE16     | SE32 | SE63 | SE80 |
|--|----|----------|------|------|------|
| Rated operating voltage Ue                         | V  | 690*     | 690* | 690  | 690  |
| Rated insulation voltage Ui                        | V  | 690*     | 690* | 690  | 690  |
| Rated impulse withstand voltage Uimp (sectionable) | kV | 4*       | 4*   | 8    | 8    |
| Rated thermal current Ith                          | A  | (30*) 32 | 40*  | 63*  | 86*  |
| Rated thermal current in enclosed Ithe             | A  | (30*) 32 | 40*  | 63*  | 86*  |
| Frequency  | Hz | 50       | 50   | 50   | 50   |

| RATED OPERATING CURRENT Ie: alternate current                           |                   | 690V | A        | (30*) 32       | (32*) 40       | 63*   | 80*     |
|---|-------------------|------|----------|----------------|----------------|-------|---------|
| AC-21A Switching resistive loads with light overloads                   | 500V              | A    |          |                |                |       |         |
|   | 690V              | A    | (20*) 25 | 32*            | 63*            | 80*   |         |
| AC-22A Switching mixed resistive and inductive loads at light overloads | 3 phase - 3 poles | 230V | A/kW     | 25/7,5         | 32/10          | 50/15 | 63/18,5 |
|   |                   | 400V | A/kW     | 25/15          | 32/18,5        | 50/30 | 60/33   |
| AC-23A Periodic switching of motors                                     |                   | 500V | A/kW     | 25/15          | 32/22          | 50/37 | 60/40   |
|   |                   | 690V | A/kW     | (16A*) 20/18,5 | 25*/22         | 32/30 | 35/33   |
| AC3 Starting of cage motors (interruption while running)                | 3 phase - 3 poles | 230V | A/kW     | 22/7,5         | 30/9           | 40/11 | 50/15   |
|   |                   | 400V | A/kW     | 22/11          | 30/15          | 40/22 | 50/25   |
|   |                   | 500V | A/kW     | 22/11          | 30/18,5        | 40/30 | 50/33   |
|   |                   | 690V | A/kW     | (12A*) 22/11   | (20A*) 22/18,5 | 25/22 | 27/25   |
| Nominal interruption power AC-23A (cosφ 0,45)                           |                   | 230V | A        | 200            | 256            | 400   | 504     |
|   |                   | 400V | A        | 200            | 256            | 400   | 480     |
|   |                   | 500V | A        | 200            | 256            | 400   | 480     |
|   |                   | 690V | A        | 160            | 200            | 256   | 280     |