



Contact characteristics

| | | |
|--|---------|--------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A | 63 |
| Rated insulation voltage U_i IEC/EN | V | 1000 |
| Rated impulse withstand voltage U_{imp} | kV | 8 |
| Operating current I_e | | |
| AC21A | 400V | A 63 |
| | 500V | A 63 |
| | 690V | A 63 |
| AC22A | 400V | A 63 |
| | 500V | A 45 |
| | 690V | A 45 |
| AC23A | 400V | A 45 |
| | 500V | A 25 |
| | 690V | A 25 |
| Power dissipation per pole max | W | 2.9 |
| Rated operational power AC23A | 400V | kW 22 |
| | 690V | kW 22 |
| Reactive power for control of capacitors at | | |
| Conditional short-circuit current (rms) | kA | 10 |
| Short-circuit protection with fuse | Class/A | gG63 |
| Making capacity AC23A 400V | A | 450 |
| Breaking capacity AC23A 400V | A | 360 |
| Mechanical life | cycles | 100000 |
| Electrical life AC21A | cycles | 15000 |

Mechanical features

| | | |
|---------------------------------|-------------------------|-------------------|
| Operating position | normal allowable | Vertical plan Any |
| Terminals | type | Pillar |
| | width mm | 5.6 |
| | height mm | 6.5 |
| | screw | M4 |
| | tool | Phillips 2 |
| Tightening torque for terminals | min Nm | 1.8 |
| | max Nm | 2 |
| | min lbin | 16 |
| | max lbin | 18 |
| Conductor section | IEC min mm ² | 0.75 |

| | | |
|---------------|-----------------|----|
| IEC max | mm ² | 16 |
| AWG/kcmil min | | 18 |
| AWG/kcmil max | kcmil | 6 |

Ambient conditions

Operating temperature

| | | |
|-----|----|-----|
| min | °C | -25 |
| max | °C | +55 |

Storage temperature

| | | |
|-----|----|-----|
| min | °C | -40 |
| max | °C | +70 |

Max altitude

| | |
|---|------|
| m | 3000 |
|---|------|

Resistance & Protection

Frontal IP degree

IP65

IP degree of protection

IP65

Pollution degree

3

Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter