



Assembled
changeover
switch

Product designation

Product type designation

Number of poles

Operating voltage type

Nr. 4
AC

Contact characteristics

IEC Conventional free air thermal current I_{th} A 40

Rated insulation voltage U_i IEC/EN V 1000

Rated impulse withstand voltage U_{imp} kV 8

Operating current I_e

AC21A

400V A 40
500V A 40
690V A 40

AC22A

400V A 40
500V A 40
690V A 40

AC23A

400V A 40
500V A 25
690V A 25

Power dissipation per pole max W 1

Rated operational power AC23A

400V kW 18.5
690V kW 22

Conditional short-circuit current (rms) kA 10

Short-circuit protection with fuse Class/A gG40

Making capacity AC23A 400V A 400

Breaking capacity AC23A 400V A 320

Mechanical life cycles 100000

Electrical life AC21A cycles 100000

Mechanical features

Operating position

normal
allowable Vertical plan
Any

Fixing

Screw / DIN rail
35mm

Terminals

type
width mm 5.6
height mm 6.5
screw
tool M4
Phillips 2

Tightening torque for terminals

| | | |
|-----|------------------|-----|
| min | Nm | 1.8 |
| max | Nm | 2 |
| min | I _{bin} | 16 |
| max | I _{bin} | 18 |

Conductor section

| | | |
|---------------|-----------------|------|
| IEC min | mm ² | 0.75 |
| IEC max | mm ² | 16 |
| AWG/kcmil min | | 18 |
| AWG/kcmil max | | 6 |

Weight

| | |
|---|------|
| g | 1250 |
|---|------|

Ambient conditions

Operating temperature

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

Storage temperature

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

Max altitude

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

Resistance & Protection

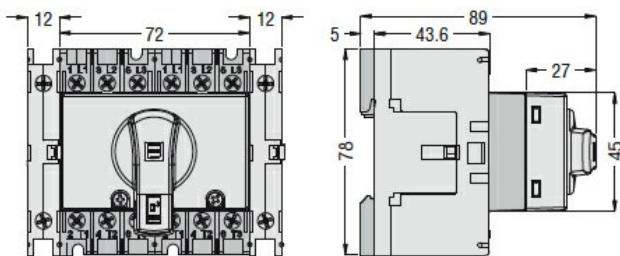
Frontal IP degree

IP20

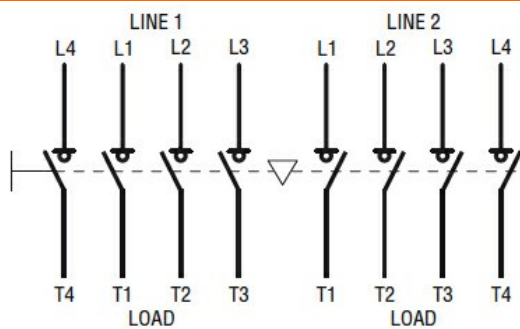
Pollution degree

3

Dimensions



Wiring diagrams



ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter