



Electrical features

| | | |
|--|----|------------------------------------|
| IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$ | A | 32 |
| Operational current AC1 and AC-7a $\leq 400\text{V}$ | A | 32 |
| Operational current AC-3 and AC-7b $\leq 400\text{V}$ | A | 8.5 |
| Rated insulation voltage U_i IEC/EN | V | 440 |
| Rated impulse withstand voltage U_{imp} | kV | 4 |
| Minimum switching capacity | | $\geq 17\text{V} \geq 50\text{mA}$ |
| Power dissipation per pole (average value) I_{th} | W | 2.5 |

Control circuit

| | | | |
|--|----------|-----|---|
| Auxiliary rated supply voltage U_s | 24VAC/DC | | |
| Auxiliary contacts | NO | Nr. | 4 |
| Average coil consumption $\leq 20^\circ\text{C}$ | in-rush | W | 3 |
| | holding | W | 3 |

Operating voltage

| | | | |
|----------|-----|---------|-----|
| pick-up | min | % U_s | 85 |
| | max | % U_s | 110 |
| drop-out | min | % U_s | 20 |
| | max | % U_s | 75 |

Operating times

| | | | | |
|--------------|------------|-----|----|----|
| Average time | Closing NO | min | ms | 15 |
| | | max | ms | 45 |
| | Opening NO | min | ms | 20 |
| | | max | ms | 70 |

Operations

| | | |
|----------------------|--------|---------|
| Mechanical life | cycles | 3000000 |
| Electrical life AC-3 | cycles | 500000 |
| Electrical life AC1 | cycles | 150000 |

Ambient conditions

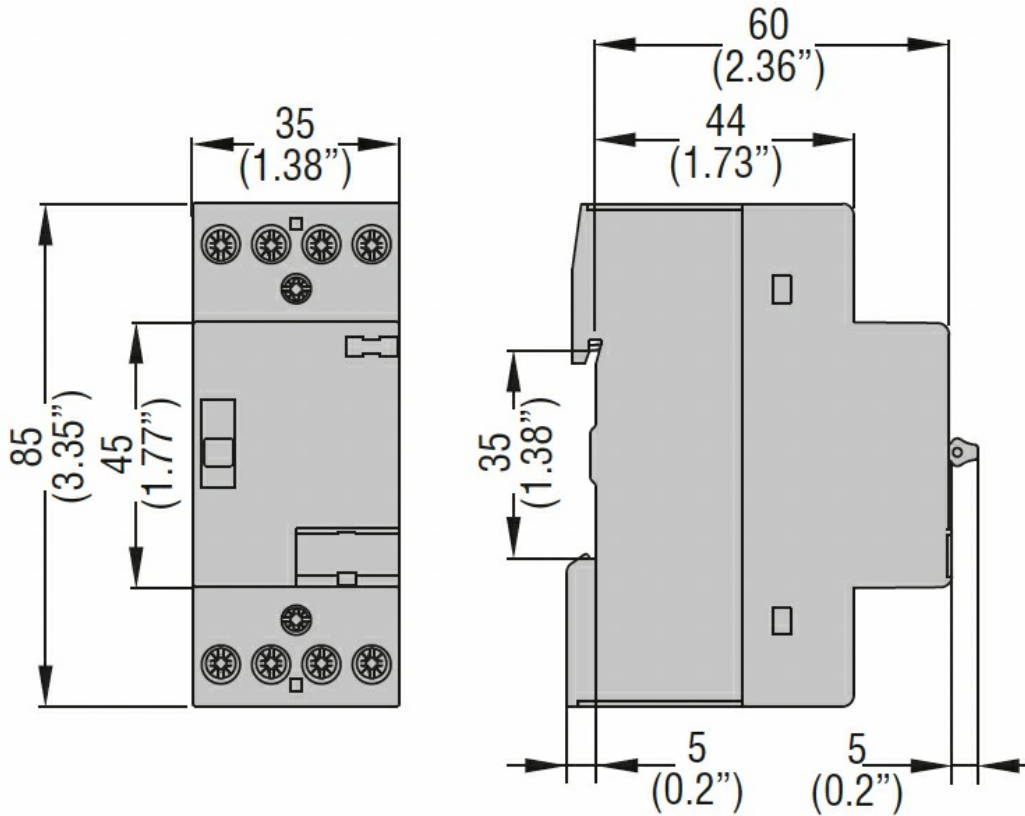
| | | | |
|-----------------------|-----|------------------|-----|
| Operating temperature | min | $^\circ\text{C}$ | -25 |
| | max | $^\circ\text{C}$ | +70 |
| Storage temperature | min | $^\circ\text{C}$ | -30 |
| | max | $^\circ\text{C}$ | 80 |
| Max altitude | m | 2000 | |

Mechanical features

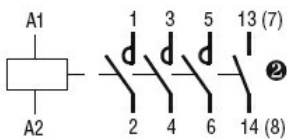
| | | | |
|-------------------------------------|---------------|--|--|
| Fixing | DIN rail 35mm | | |
| Tightening torque for coil terminal | | | |

| | | | |
|------------------------------------|-----|-----------------|------|
| | max | Nm | 0.6 |
| | max | lbin | 0.6 |
| Tightening torque for terminals | | | |
| | max | Nm | 1.2 |
| | max | lbin | 0.9 |
| Conductor section | | | |
| Coil terminal | min | mm ² | 1 |
| | max | mm ² | 2.5 |
| Power terminal | min | mm ² | 1 |
| | max | mm ² | 10 |
| Terminals tool | | | PZ2 |
| Weight | | g | 260 |
| Resistance & Protection | | | |
| Frontal IP degree | | | IP20 |
| Pollution degree | | | 3 |

Dimensions



Wiring diagrams



Certifications and compliance

| | |
|------------|------------------|
| Compliance | IEC/EN 60947-1 |
| | IEC/EN 60947-4-1 |
| | IEC/EN 60947-5-1 |

IEC/EN 61095

Certificates

EAC

ETIM classification

ETIM 8.0

EC000066 -
Power contactor,
AC switching