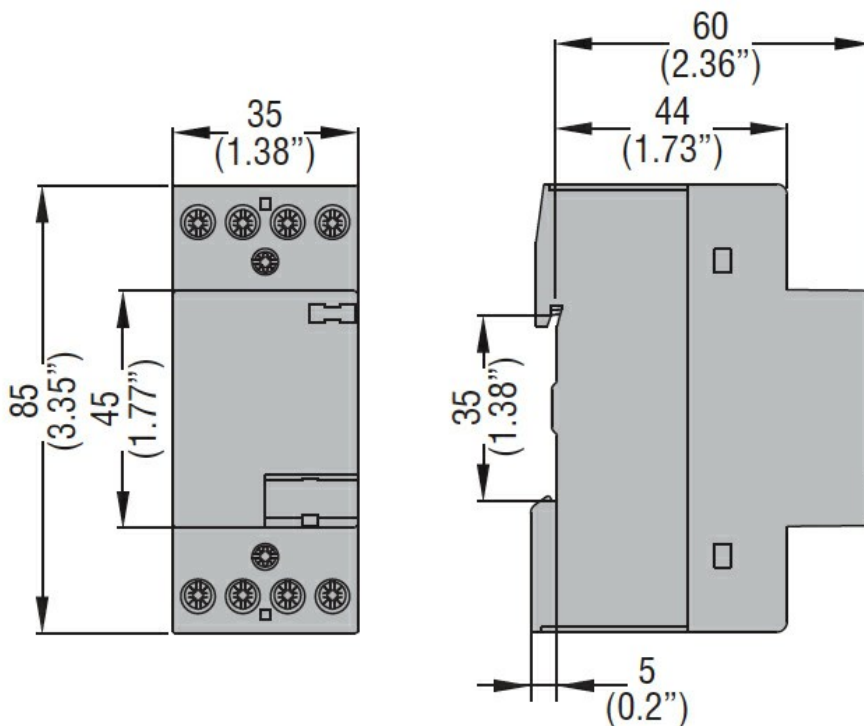




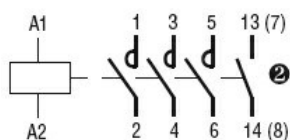
| | | | | | |
|--|-------------------|-------------------|---------------------|---------|--|
| Product designation | MODULAR CONTACTOR | | | | |
| Product type designation | CN | | | | |
| Operating voltage type | AC/DC | | | | |
| Number of poles | 4 | | | | |
| Number of DIN modules | 2 | | | | |
| Electrical features | | | | | |
| IEC Conventional free air thermal current I _{th} | A | 32 | | | |
| Operational current AC1 and AC-7a ≤400V | A | 32 | | | |
| Operational current AC-3 and AC-7b ≤400V | A | 8.5 | | | |
| Rated insulation voltage U _i IEC/EN | V | 440 | | | |
| Rated impulse withstand voltage U _{imp} | kV | 4 | | | |
| Minimum switching capacity | | ≥17V ≥50mA | | | |
| Power dissipation per pole (average value) I _{th} | W | 2.5 | | | |
| Control circuit | | | | | |
| Auxiliary rated supply voltage U _s | | 220VAC/VDC | | | |
| Auxiliary contacts | NO | Nr. | 4 | | |
| Average coil consumption ≤20°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 | °C | -25 | | |
| | max | °C | +70 | | |
| Storage temperature | | | | | |

| | | | |
|-------------------------------------|----------------|-----------------|---------------|
| | min | °C | -30 |
| | max | °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