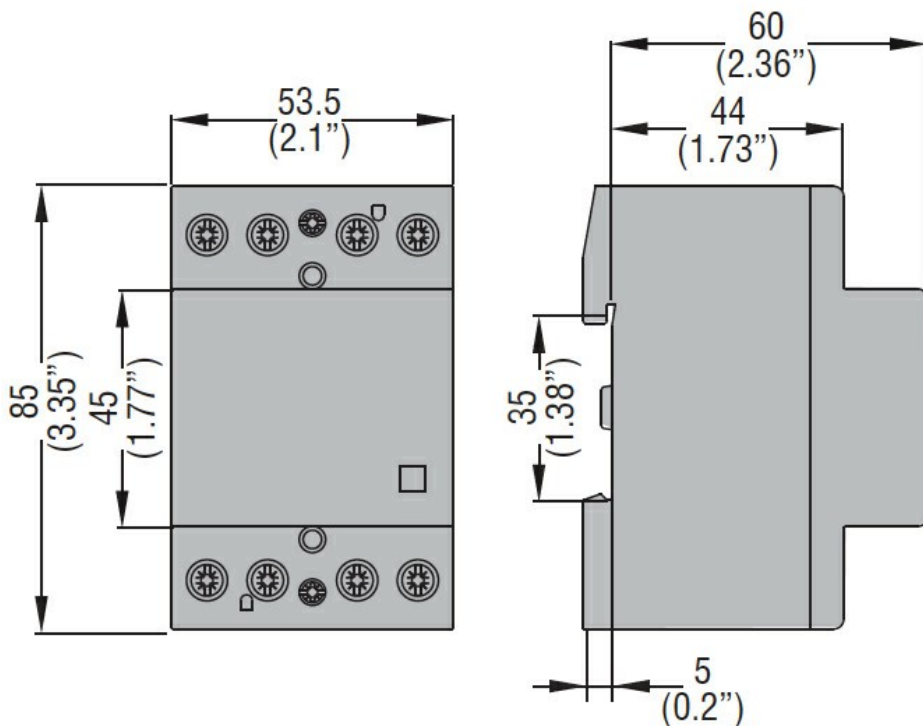


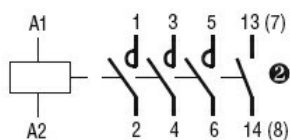


| | | | |
|--|-------------------|------------|---------------------|
| Product designation | MODULAR CONTACTOR | | |
| Product type designation | CN | | |
| Operating voltage type | AC/DC | | |
| Number of poles | 4 | | |
| Number of DIN modules | 3 | | |
| Electrical features | | | |
| IEC Conventional free air thermal current I _{th} | A | 63 | |
| Operational current AC1 and AC-7a ≤400V | A | 63 | |
| Operational current AC-3 and AC-7b ≤400V | A | 30 | |
| 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 | 8 | |
| Control circuit | | | |
| Auxiliary rated supply voltage U _s | | 220VAC/VDC | |
| Auxiliary contacts | NO | Nr. | 4 |
| Average coil consumption ≤20°C | in-rush | W | 5 |
| | holding | W | 5 |
| Operating voltage | pick-up | min | %U _s 85 |
| | | max | %U _s 110 |
| | drop-out | min | %U _s 20 |
| | | max | %U _s 75 |
| Average time | Closing NO | min | ms 15 |
| | | max | ms 20 |
| | Opening NO | min | ms 35 |
| | | max | ms 45 |
| Operations | | | |
| Mechanical life | | cycles | 3000000 |
| Electrical life AC-3 | | cycles | 150000 |
| Electrical life AC1 | | cycles | 100000 |
| 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 | 2 |
| | max | lbin | 1.48 |
| Conductor section | | | |
| | Coil terminal | | |
| | min | mm ² | 1 |
| | max | mm ² | 2.5 |
| | Power terminal | | |
| | min | mm ² | 1.5 |
| | max | mm ² | 16 |
| Terminals tool | | | PZ2 |
| Weight | | g | 425 |
| 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