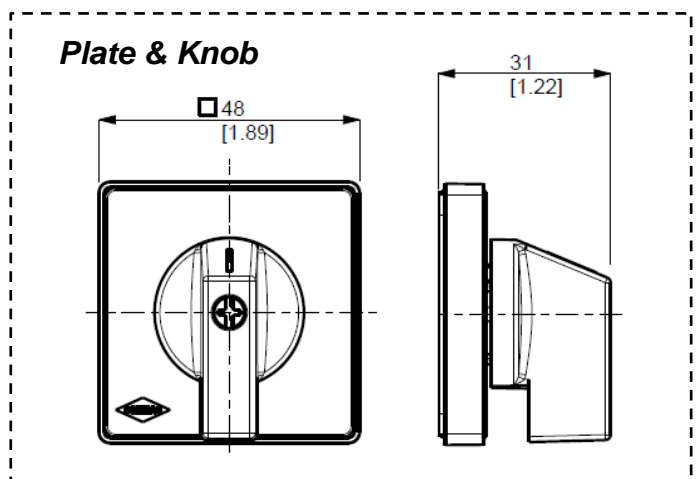
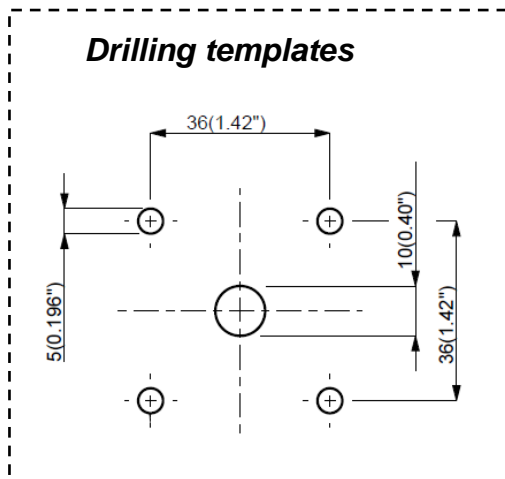
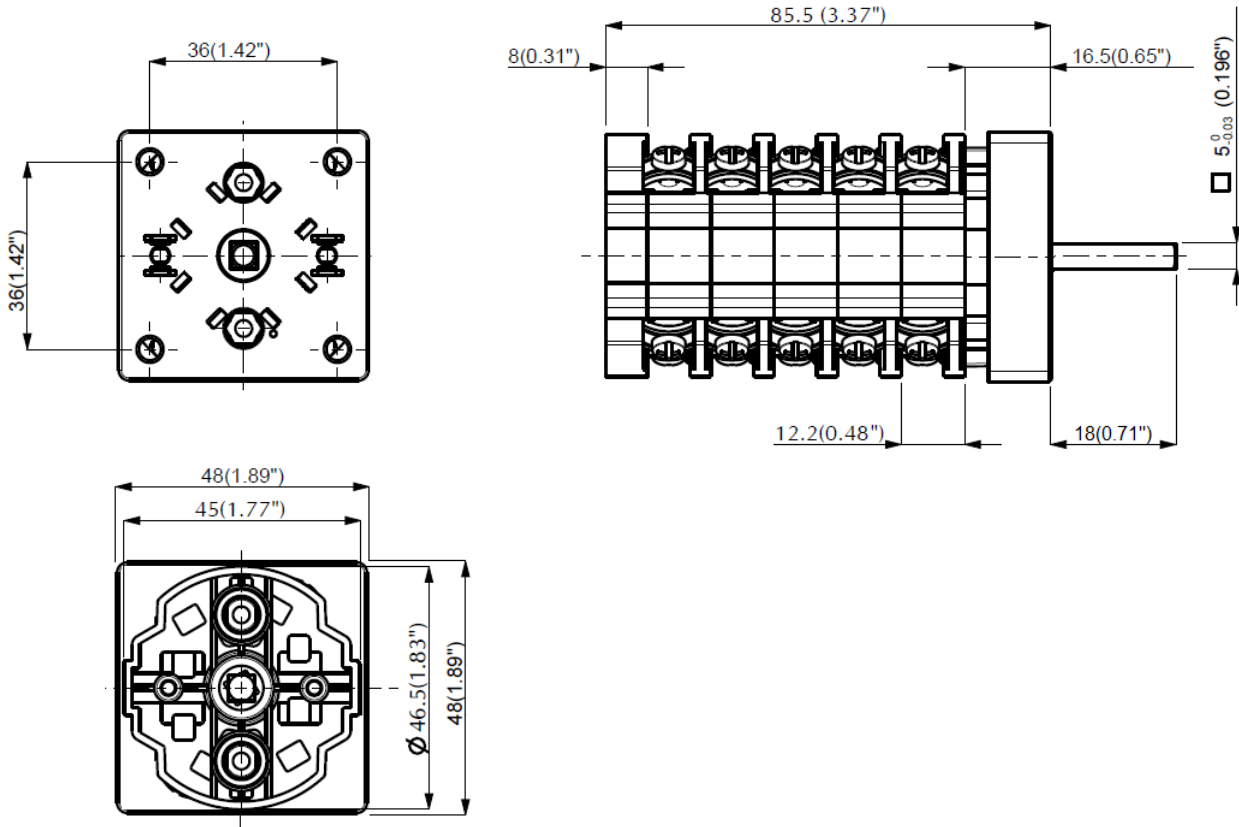


Cod. CA020V547RV4

Dimensions



Cod. CA020V547RV4

| Technical data | | | | |
|--|---------------------|-----------------------|--------------------------|------------------------|
| Rated nominal voltage in DC [U1n, U2n, U3n] | Un | V | | 24,72,110 VDC |
| Minimum voltage | Umin | V | | 0,7 Un |
| Rated voltage | Umed | V | | 1,15 Un |
| Maximum voltage | Umax | V | | 1,25 Un |
| Rated insulation voltage | Ui | V | | 690 VAC |
| Dielectric test | U50 | | | 2500 VAC – 50 Hz – 60s |
| Rated impulse withstand test | Uimp | kV | | 6 |
| Rated operating current | | | | |
| Categories for use DC1 | | | | |
| Rated thermal current | Ith | A | | 16 |
| Rated operational current | Ie | A | | 12 |
| Minimum operating current | Imin | A | | 20 mA @ 24 VDC |
| Short circuit protection | | | | |
| Rated short time withstand current | Icw | A | | 240 |
| Rated short-circuit make capacity | Icm | A | | 1500 |
| Rated conditional short-circuit current | - | kA | | 5 |
| Mechanical characteristics | | | | |
| Panel tickness | Max | mm | | 4 |
| Mechanical life | | | Cycles x 10 ⁶ | 2 |
| Switching | Max | 24V DC (L/R 100ms) | A | 10 |
| | | 24V DC (L/R 40ms) | A | 13 |
| | Min | 110V DC (L/R 40ms) | A | 1,2 |
| | | 5V DC (L/R= 100ms) | A | 15 |
| | | 24V DC | A | 3 |
| | | | Cycles/hr | 120 |
| Connection according to IEC 9471-1 and EN 50947-1 | | | | |
| Connecting capability | With flexible wires | Min-Max | mm ² | 2x1,5-4 |
| | | Min-Max | AWG | 16-10 |
| Connection terminal screw dimensions | With solid wires | Min-Max | mm ² | 2x1,5-6 |
| | | | Type | M3,5 |
| Screw tightening torque | | | Nm | 1 |
| Protection degree IEC 529 EN 60529 | | | | |
| Terminals | | | IP | 00 |
| Ambient conditions | | | | |
| Classes of air temperature (EN 50125-1) | | | | T3 |
| Storage ambient temperature | | | °C | -30 ÷ +70 |
| Withstand to constant humid according to IEC 60068 | | | | 2-78 |
| Withstand to cyclic humid according to IEC 60068 | | | | 2-30 |
| Mechanical characteristics Plate and knob | | | | |
| Knob screw tightening torque | | | Nm | 0,4 |
| Plate screws tightening torque | | | Nm | 0,7 |