

# CC3H410

3 phase | 400 V | 10 A



## Main circuit

|                                  |                      |
|----------------------------------|----------------------|
| Output type                      | ⚡ SCR                |
| Number of outputs                | 3                    |
| Rated voltage                    | 400 V AC             |
| Output voltage range             | 24 ... 480 VAC       |
| Reverse voltage                  | 1,200 Vrrm           |
| Peak reverse voltage             | 1,300 Vrrm           |
| Rated current AC-1               | 10 A                 |
| Rated current AC-3               | 10 A                 |
| Recommended minimum contact load | 10 mA                |
| Leakage current                  | 1 mA                 |
| Rated limit load                 | 610 A <sup>2</sup> s |

## Control circuit

|                           |                             |
|---------------------------|-----------------------------|
| Nominal voltage           | 24 ... 230 V AC/DC          |
| Operating voltage range   | 0.85 ... 1.1 U <sub>N</sub> |
| Pick-up voltage           | 20.4 V                      |
| Release voltage           | 7.2 V                       |
| Pick-up time              | 20 ms                       |
| Release time              | 20 ms                       |
| Power consumption AC / DC | 1.5 VA / 150 mW             |
| Frequency range           | 50 / 60 Hz                  |

## Insulation

|  |              |
|--|--------------|
| Rated insulation voltage                     | 660 V        |
| Rated impulse withstand voltage open contact | 4 kV / 1 min |
| Pollution degree                             | 3            |
| Overvoltage category                         | III          |

## General data

|  |  |
|--|--|
| Storage temperature (no ice)                   | -20 ... 80 °C                            |
| Operation temperature                          | -5 ... 40 °C                             |
| Ambient temperature operation derated power    | -5 ... 60 °C, 0.7 I <sub>N</sub>         |
| Conductor cross section control / main circuit | 1.5 mm <sup>2</sup> / 10 mm <sup>2</sup> |
| Nominal screw torque control / main circuit    | 0.5 Nm / 1.2 Nm                          |
| Dimensions                                     | fig. 2                                   |
| Weight   | 650 g                                    |
| Ingress Protection                             | IP 20                                    |
| Housing material                               | PPE                                      |
| Mounting                                       | TH35 (EN 60715) or back panel mounting   |

## Product references

| Description   | Type    |
|---|---------|
| Solid State Contactor, 3 phase  | CC3H410 |
| Other devices on request. Please contact <a href="mailto:support@comatreleco.com">support@comatreleco.com</a> . |         |

## Accessories

|                             |          |
|-----------------------------|----------|
| Thermal overload protection | P82-100C |
|-----------------------------|----------|

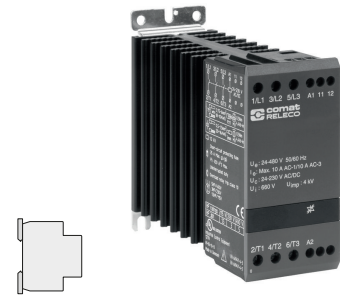


fig. 1. Wiring diagram

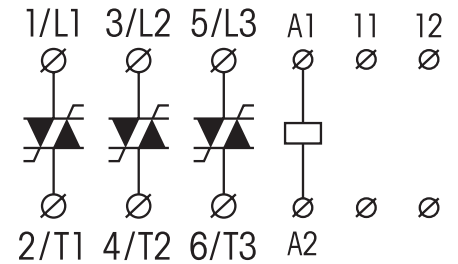
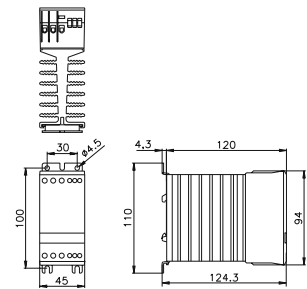


fig. 2. Dimensions (mm)



## Technical approvals, conformities

Standards 50022; 60068; IEC/EN 60947

Approvals