

RIC25-002-R/DC36V

4 pole | 25 A | 5.4 kW



Control circuit

|                         |                              |
|-------------------------|------------------------------|
| Nominal voltage         | see table product references |
| Operating voltage range | 0.70 ... 1.25 U <sub>N</sub> |
| Pick-up voltage         | ≤ 0.70 U <sub>N</sub>        |
| Release voltage         | ≥ 0.1 U <sub>N</sub>         |
| Pick-up time            | 15 ... 45 ms                 |
| Release time            | 20 ... 70 ms                 |
| Power consumption DC    | 4.6 W                        |

Insulation

|                                              |              |
|----------------------------------------------|--------------|
| Rated insulation voltage                     | 440 V        |
| Rated impulse withstand voltage open contact | 4 kV / 1 min |
| Pollution degree                             | 3            |
| Overvoltage category                         | III          |
| Clearance of open contact                    | 3.6 mm       |

Wiring

|                                                |                                         |
|------------------------------------------------|-----------------------------------------|
| Contact type control / main circuit            | Screw connection, M3 / M3.5             |
| Conductor cross section control / main circuit | 2.5 mm <sup>2</sup> / 6 mm <sup>2</sup> |

Housing and environmental conditions

|                              |                               |
|------------------------------|-------------------------------|
| Storage temperature (no ice) | -40 ... 80 °C                 |
| Operation temperature        | -40 ... 70 °C                 |
| Ingress Protection           | IP 20                         |
| Weight                       | 250 g                         |
| Housing material             | PA 6                          |
| Dimensions                   | see fig. 3                    |
| Mounting position            | see installation instructions |

Product references

| Description | Type               | 36 |
|-------------|--------------------|----|
| 2 CO        | RIC25-002-R/DC...V | ✓  |

Other voltages on request. Please contact support@comatreleco.com.  
«...» List control circuit voltage to complete product references.

Accessories

|            |                                                |
|------------|------------------------------------------------|
| Busbar     | RIC-NS-1-1-R, RIC-PS-1-2-R                     |
| End covers | RIC-EK-11 (BAG 25 PCS), RIC-EK-23 (BAG 10 PCS) |



fig. 1. Wiring diagram

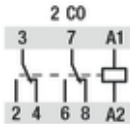


fig. 2. DC load limit curve

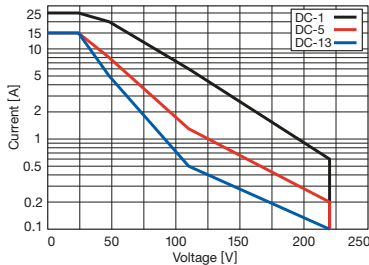
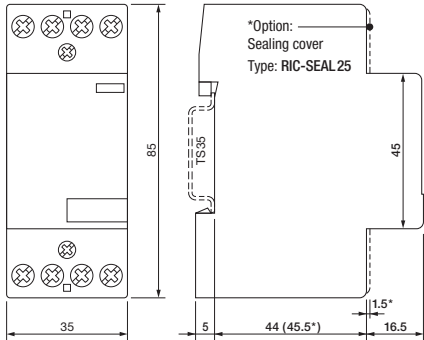


fig. 3. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 60947  
Railway EN 50155; EN 45545-2  
Approvals