

CCL33H425US**3 phase | 400 V | 25 A | Compressor Starting Torque Limiter****Main circuit**

| | |
|----------------------------------|-----------------------|
| Number of outputs | 3 |
| Controlled phases | 3 |
| Output type | ⚡ Thyristor |
| Bypass | Integrated |
| Rated voltage | 400 V |
| Output voltage range | 230 ... 400 V AC |
| Reverse voltage | 1200 V _{rrm} |
| Peak reverse voltage | 1300 V _{rrm} |
| Rated current AC-58 | 25 A |
| Minimum load | 2.5 A |
| Leakage current | 5 mA |
| Inrush current | 150 A, 1 s |
| Rated limit load | 1800 A ² t |
| Switching frequency (cycles / h) | 12 |

Control circuit

| | |
|-------------------------|------------------------------|
| Nominal voltage | 230 V AC |
| Operating voltage range | 0.85 ... 1.15 U _N |
| Release voltage | 110 V AC |
| Pick-up time | 500 ms |
| Release time | 500 ms |

Insulation

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

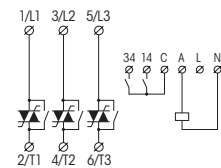
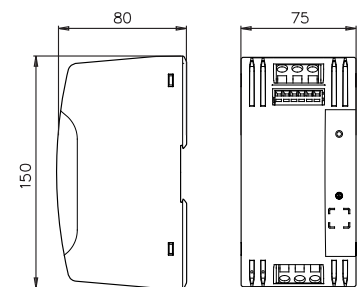
General data

| | |
|--|---|
| Ambient temperature storage (no ice) | -20 ... 80 °C |
| Ambient temperature operation | -20 ... 65 °C |
| Conductor cross section control / main circuit | 2.5 mm ² / 6 mm ² |
| Dimension | fig. 2 |
| Weight | 470 g |
| Protection degree | IP 20 |
| Housing material | PPE |
| Mounting | TS 35 or Back Panel Mounting |

Product references

| Description | Type |
|---|-------------|
| Compressor Starting Torque Limiter, 3 phase | CCL33H425US |

Other devices on request. Please contact support@comatreleco.com.

**fig. 1. Wiring diagram****fig. 2. Dimension (mm)****Technical approvals, conformities**

Standards IEC/EN 60947-4-2

Approvals 