


CCL33H435US**3 phase | 400 V | 35 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	35 A
Minimum load	3.5 A
Leakage current	5 mA
Inrush current	210 A, 1 s
Rated limit load	1800 A ^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

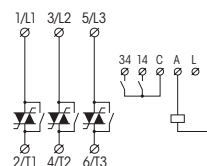
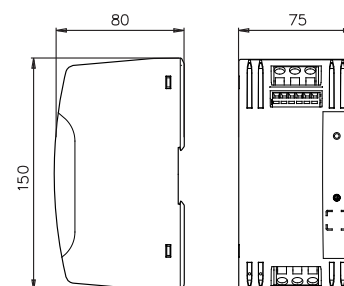
General data

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	CCL33H435US

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 