

TA450DU thermal overload relays



TA450DU-310

Description

The TA450DU thermal overload relays are economic electromechanical protection devices for the main circuit. They offer reliable protection for motors in the event of overload or phase failure. The devices have trip class 10A.

The thermal overload relays are three pole relays with bimetal tripping elements. The motor current flows through the bimetal tripping elements and heats them directly and indirectly. In case of an overload (over current), the bimetal elements bent as a result of the heating. This leads to a release of the relay and a change of the contacts switching position (95-96 / 97-98).

- Manual or automatic reset selectable
- Phase loss sensitive acc. to IEC/EN 60947-4-1
- Two electrically isolated auxiliary contacts – 1 N.O. + 1 N.C.
- TEST and STOP function – Trip indication on the front
- Temperature compensation
- Suitable for three- and single-phase applications

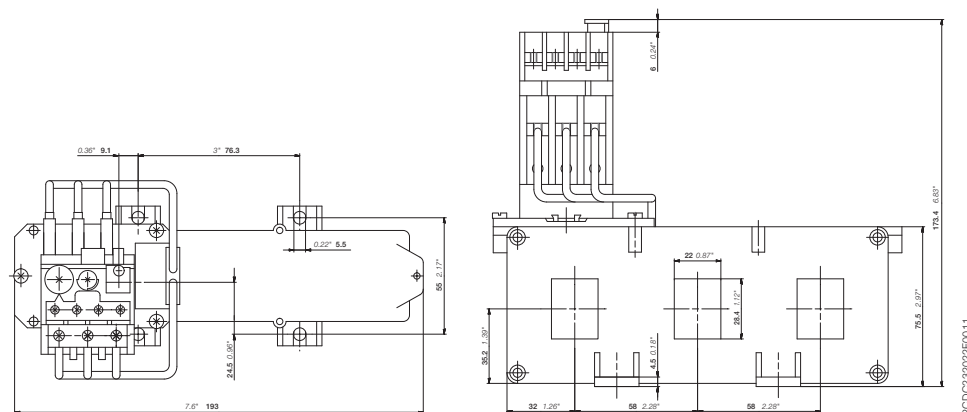
Ordering details

Setting range	Short-circuit protective device	Trip class	Type	Order code	Weight (1 pce) kg
A					
130 ... 185	not applicable	10A	TA450DU-185	1SAZ511201R1001	1.500
165 ... 235	not applicable	10A	TA450DU-235	1SAZ511201R1002	1.500
220 ... 310	not applicable	10A	TA450DU-310	1SAZ511201R1003	1.500

Ordering details accessories

For thermal overload relays	Description	Type	Order code	Weight (1 pce) kg
TA450DU	Terminal shroud	DT450/A185	1SAZ501901R1001	1.070
TA450DU	Terminal shroud	DT450/A300	1SAZ501902R1001	1.180

Main dimensions mm, inches



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