

TF96 thermal overload relays

40.0 ... 96.0 A

For direct coupling to AF80, AF96 3-pole contactors

3



TF96

Description

The TF96 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 10.

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

TEST and STOP function – Trip indication on the front

Temperature compensation

Suitable for three- and single-phase applications

Ordering details

Setting range	For contactors	Trip class	Catalog number	Global reference code	Weight (1 pce) kg
A					
40.0 ... 51.0	AF80, AF96	10	TF96-51	1SAZ911201R1001	0.620
48.0 ... 60.0	AF80, AF96	10	TF96-60	1SAZ911201R1002	0.620
57.0 ... 68.0	AF80, AF96	10	TF96-68	1SAZ911201R1003	0.620
65.0 ... 78.0	AF80, AF96	10	TF96-78	1SAZ911201R1004	0.620
75.0 ... 87.0	AF80, AF96	10	TF96-87	1SAZ911201R1005	0.620
84.0 ... 96.0	AF80, AF96	10	TF96-96	1SAZ911201R1006	0.630

Ordering details accessories

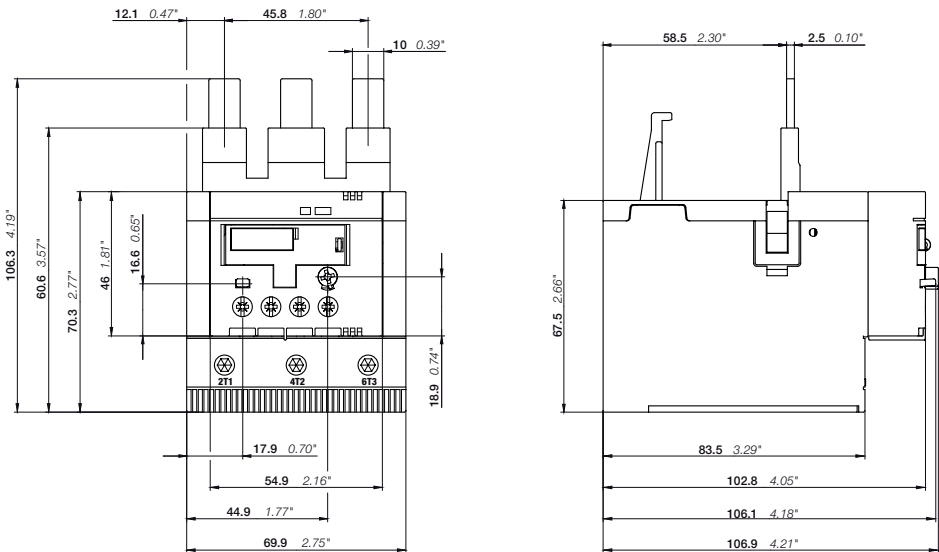
For thermal overload relays	Description	Catalog number	Global reference code	Weight (1 pce) kg
A				
TF96	Reset push button (1)	KPR-101L	1SFA616162R1014	0.027

(1) Note: for more information see catalog 1SXU000023C0202 Rev. A.



KPR-101L

Main dimensions mm, inches



TF96