

TF65 thermal overload relays

22.0 ... 67.0 A

For direct coupling to AF40... AF65 3-pole contactors



TF65



KPR-101L

Description

The TF65 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

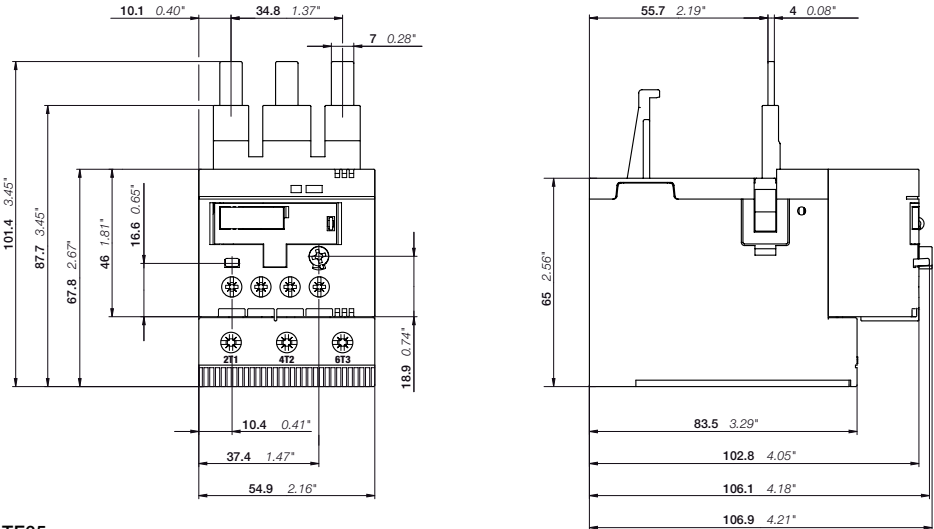
Setting range	For contactors	Trip class	Catalog number	Global reference code	Weight (1 pce) kg
A					
22.0 ... 28.0	AF40 ... AF65	10	TF65-28	1SAZ811201R1001	0.456
25.0 ... 33.0	AF40 ... AF65	10	TF65-33	1SAZ811201R1002	0.456
30.0 ... 40.0	AF40 ... AF65	10	TF65-40	1SAZ811201R1003	0.456
36.0 ... 47.0	AF40 ... AF65	10	TF65-47	1SAZ811201R1004	0.456
44.0 ... 53.0	AF40 ... AF65	10	TF65-53	1SAZ811201R1005	0.456
50.0 ... 60.0	AF40 ... AF65	10	TF65-60	1SAZ811201R1006	0.466
57.0 ... 67.0	AF40 ... AF65	10	TF65-67	1SAZ811201R1007	0.466

Ordering details accessories

For thermal overload relays	Description	Catalog number	Global reference code	Weight (1 pce) kg
A				
TF65	Reset push button (1)	KPR-101L	1SFA616162R1014	0.027

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

Main dimensions mm, inches



TF65