

EF65, EF96, EF146 electronic overload relays

25 to 150 A

For direct coupling to AF40 ... AF146 3-pole contactors

Description

The EF65, EF96 and EF146 are self-supplied electronic overload relays, which means no extra external supply is needed. It offers reliable protection for motors in the event of overload or phase failure. Easy to use like a thermal overload relay and compatible with standard motor applications, the electronic overload relay is convincing, above all, due to its wide setting range, high accuracy, high operational temperature range and the possibility to select a trip class (10E, 20E, 30E). Further features are the temperature compensation, trip contact (N.C.), signal contact (N.O.), automatic or manual reset selectable, trip-free mechanism, STOP and TEST function and a trip indication. The overload relays are connected directly to the contactors.

Ordering details

Setting range	For contactors	Trip class	Catalog number	Global reference code	Weight (1 pce) kg
A					
25 ... 70	AF40 ... AF65	10E, 20E, 30E	EF65-70	1SAX331001R1101	0.790
36 ... 100	AF80, AF96	10E, 20E, 30E	EF96-100	1SAX341001R1101	0.780
54 ... 150	AF116 ... AF146	10E, 20E, 30E	EF146-150	1SAX351001R1101	0.890

Ordering details accessories

For thermal overload relays	Description	Catalog number	Global reference code	Weight (1 pce) kg
A				
EF65, EF96, EF146	Reset push button (1)	KPR-101L	1SFA616162R1014	0.027

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

Main dimensions mm, inches



EF65-70



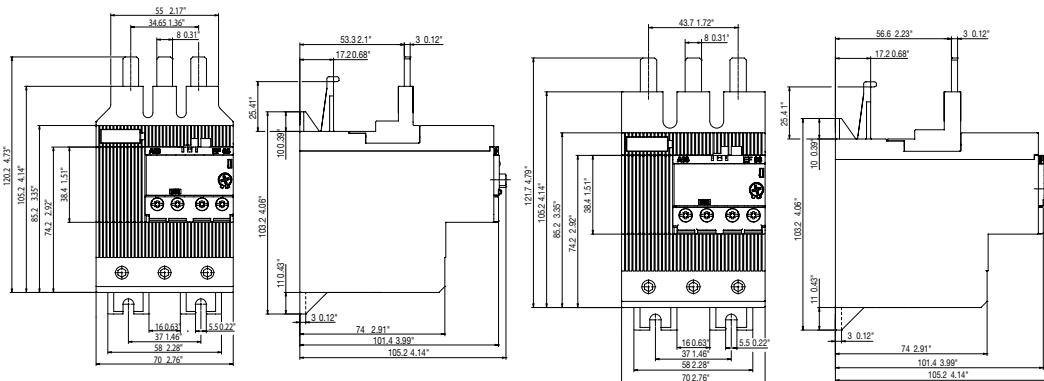
EF96-100



EF146-150

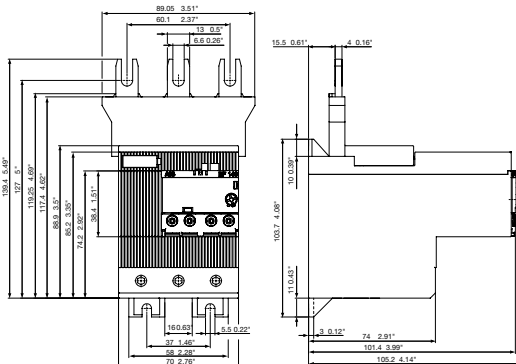


KPR-101L



EF65-70

EF96-100



EF146-150