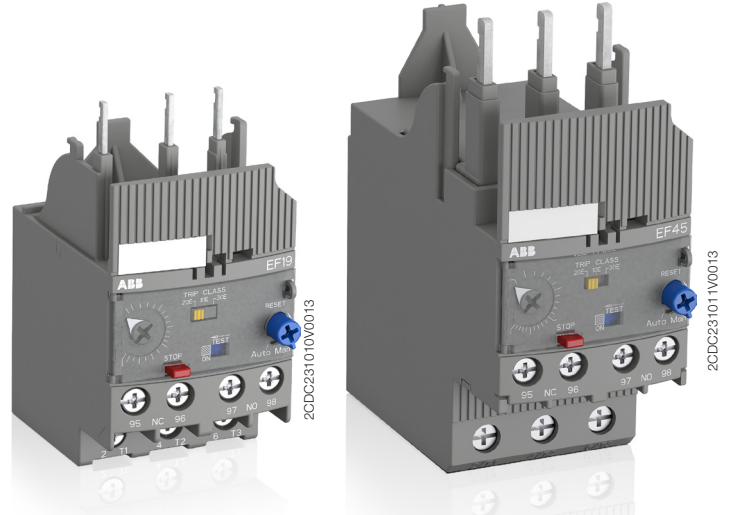


Electronic overload relay EF19 and EF45

Electronic overload relays offer reliable protection in case of overload and phase-failure. They are the alternative to thermal overload relays. Motor starters are combinations of overload relays and contactors.



Description

- Overload protection – trip class 10E, 20E, 30E selectable
- Phase loss sensitivity
- Temperature compensation from -25 ... +70 °C
- Adjustable current setting for overload protection
- Automatic or manual reset selectable
- Trip-free mechanism
- Status indication
- STOP and TEST function
- Direct mounting onto block contactors
- Sealable operating elements
- Self-supplied devices

Order data

EF19, EF45 screw terminal
For AF09 ... AF38 block contactors



Setting range	Type	Order code	Suitable for	Packing unit	Weight per PCE
A				PCE	kg
0.10 ... 0.32	EF19-0.32	1SAX121001R1101	AF09 ... AF38	1	0.158
0.30 ... 1.00	EF19-1.0	1SAX121001R1102	AF09 ... AF38	1	0.158
0.80 ... 2.70	EF19-2.7	1SAX121001R1103	AF09 ... AF38	1	0.158
1.90 ... 6.30	EF19-6.3	1SAX121001R1104	AF09 ... AF38	1	0.158
5.70 ... 18.9	EF19-18.9	1SAX121001R1105	AF09 ... AF38	1	0.158
9.00 ... 30.0	EF45-30	1SAX221001R1101	AF26 ... AF38	1	0.362
15.0 ... 45.0	EF45-45	1SAX221001R1102	AF26 ... AF38	1	0.362

Accessories	Type	Order code	Suitable for	Packing unit	Weight per PCE
				PCE	kg
Single	DB19EF	1SAX101910R1001	EF19	1	0.046
mounting kit	DB45EF	1SAX201910R0001	EF45	1	0.100

Suitable for mounting on:

AF09, AF12, AF16
AF26, AF30, AF38