

AF116 ... AF146 3-pole contactors

55 to 75 kW

AC / DC operated



AF146-30-11

1SFC101007V0001



AF146-30-11B

1SFC101008V0001



CAL19-11

1SFC101071V0001



LT140-30L

1SFC101038V0001

Description

AF116 ... AF146 contactors are mainly used for controlling 3-phase motors and power circuits.

Ordering details

3-pole contactors for connection with built-in cable clamps

IEC Rated operational power 400 V AC-3 kW	UL/CSA 3-phase motor rating hp General use rating 600 V AC: A	3-phase motor rating 480 V hp	General use rating 600 V AC: A	Rated control circuit voltage Uc		Auxiliary contacts fitted		Type	Order code	Weight Pkg (1 pce) kg
				V 50/60 Hz	V DC	1	2			
55	160	75	160	24...60	20...60	1	1	AF116-30-11-11	1SFL427001R1111	1.750
				48...130	48...130	1	1	AF116-30-11-12	1SFL427001R1211	1.750
				100...250	100...250	1	1	AF116-30-11-13	1SFL427001R1311	1.750
				250...500	250...500	1	1	AF116-30-11-14 ¹⁾	1SFL427001R1411	1.750
75	200	100	200	24...60	20...60	1	1	AF140-30-11-11	1SFL447001R1111	1.750
				48...130	48...130	1	1	AF140-30-11-12	1SFL447001R1211	1.750
				100...250	100...250	1	1	AF140-30-11-13	1SFL447001R1311	1.750
				250...500	250...500	1	1	AF140-30-11-14 ¹⁾	1SFL447001R1411	1.750
75	225	100	200	24...60	20...60	1	1	AF146-30-11-11	1SFL467001R1111	1.750
				48...130	48...130	1	1	AF146-30-11-12	1SFL467001R1211	1.750
				100...250	100...250	1	1	AF146-30-11-13	1SFL467001R1311	1.750
				250...500	250...500	1	1	AF146-30-11-14 ¹⁾	1SFL467001R1411	1.750

3-pole contactors with bar connections

55	160	75	160	24...60	20...60	1	1	AF116-30-11B-11	1SFL427002R1111	1.500
				48...130	48...130	1	1	AF116-30-11B-12	1SFL427002R1211	1.500
				100...250	100...250	1	1	AF116-30-11B-13	1SFL427002R1311	1.500
				250...500	250...500	1	1	AF116-30-11B-14 ¹⁾	1SFL427002R1411	1.500
75	200	100	200	24...60	20...60	1	1	AF140-30-11B-11	1SFL447002R1111	1.500
				48...130	48...130	1	1	AF140-30-11B-12	1SFL447002R1211	1.500
				100...250	100...250	1	1	AF140-30-11B-13	1SFL447002R1311	1.500
				250...500	250...500	1	1	AF140-30-11B-14 ¹⁾	1SFL447002R1411	1.500
75	225	100	200	24...60	20...60	1	1	AF146-30-11B-11	1SFL467002R1111	1.500
				48...130	48...130	1	1	AF146-30-11B-12	1SFL467002R1211	1.500
				100...250	100...250	1	1	AF146-30-11B-13	1SFL467002R1311	1.500
				250...500	250...500	1	1	AF146-30-11B-14 ¹⁾	1SFL467002R1411	1.500

1) Coil 250...500 V, 50/60 Hz and DC available in April 2013

Note: AF contactors type -00 and -22 on request.

Auxiliary contact blocks

	Auxiliary contacts	Type	Order code	Pkg qty	Weight (1 pce) kg
Side mounted instantaneous contact blocks	1 1 - -	CAL19-11	1SFN010820R1011	2	0.040
Side mounted instantaneous contact blocks mounting outside other block	1 1 - -	CAL19-11B	1SFN010820R3311	2	0.040

Terminal shrouds

	Type	Order code	Pkg qty	Weight (1 pce) kg
For connection with compression lugs	LT140-30L	1SFN124203R1000	2	0.070

Overload relays for AF116 ... AF146 3-pole contactors



EF146



TF140DU

Description

Ordering details Electronic overload relays

Setting range	Short-circuit protective device	Trip class	Type	Order code	Weight (1 pce) kg
A					
54...150	315 A, Fuse type gG	E10, E20, E30	EF146	1SAX351001R1101	0.890

Ordering details Thermal overload relays

Setting range	Short-circuit protective device	Trip class	Type	Order code	Weight (1 pce) kg
A					
66...90	125 A, Fuse type gG	10 A	TF140DU-90	1SAZ431201R1001	0.880
80...110	160 A, Fuse type gG	10 A	TF140DU-110	1SAZ431201R1002	0.820
100...135	200 A, Fuse type gG	10 A	TF140DU-135	1SAZ431201R1003	0.820
110...142	200 A, Fuse type gG	10 A	TF140DU-142	1SAZ431201R1004	0.820