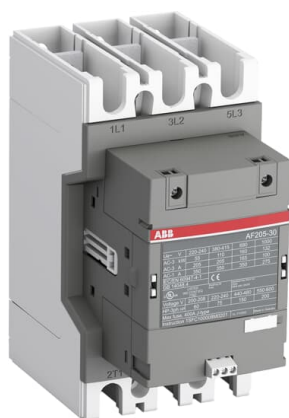


PRODUCT-DETAILS

AF205-30-00-34

AF205-30-00-34 Contactor



Algemene informatie

Type	AF205-30-00-34
Artikelnummer	1SFL527002R3400
EAN	7320500481400
Omschrijving	AF205-30-00-34 Contactor

Omschrijving

The AF205-30-00-34 is a 3 pole - 1000 V IEC or 600 V UL contactor with Main Circuit Bars, controlling motors up to 110 kW / 400 V AC (AC-3) or 150 hp / 480 V UL and switching power circuits up to 350 A (AC-1) or 300 A UL general use. Thanks to the AF technology, the contactor has a wide control voltage range (250-500 V 50/60 Hz and DC), managing large control voltage variations, reducing panel energy consumptions and ensuring distinct operations in unstable networks. Furthermore, surge protection is built-in, offering a compact solution. AF contactors have a block type design, can be easily extended with add-on auxiliary contact blocks and an additional wide range of accessories.

Bestelinformatie

Minimale bestelhoeveelheid	1 stuk
Nummer douanetarief	85364900

Populaire downloads

Gegevensblad, technische informatie	1SBC100192C02
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Afmetingen

Product netto breedte	105 mm
Product netto diepte	169.5 mm
Product netto hoogte	196 mm
Product netto gewicht	2.4 kg

Technische specificaties

Aantal hoofdcontacten NO	3
Aantal hoofdcontacten NC	0
Aantal hulpcontacten NO	0
Aantal hulpcontacten NC	0
Nominaal bedrijfsvoltage	Main Circuit 1000 V
Toegekende frequentie (f)	Main Circuit 60 Hz
Conventionele vrije-lucht thermische stroom (I_{th})	acc. to IEC 60947-4-1, Open Contactors q = 40 °C 350 A
Nominale bedrijfsstroom AC-1 (I_e)	(1000 V) 40 °C 275 A (1000 V) 60 °C 250 A (1000 V) 70 °C 200 A (690 V) 40 °C 350 (690 V) 70 °C 240
Nominale bedrijfsstroom AC-3 (I_e)	(415 V) 55 °C 205 A (440 V) 55 °C 205 A (500 V) 55 °C 186 A (690 V) 55 °C 165 A (1000 V) 55 °C 100 A (380 / 400 V) 55 °C 205 A (220 / 230 / 240 V) 55 °C 205
Nominale bedrijfsvermogen AC-3 (P_e)	(415 V) 110 kW (440 V) 132 kW (500 V) 132 kW (690 V) 160 kW (1000 V) 132 kW (380 / 400 V) 110 kW (220 / 230 / 240 V) 55 kW
Nominale remcapaciteit AC-3 volgens IEC 60947-4-1	8 x Ie AC-3
Nominaal inschakelvermogen AC-3 volgens IEC 60947-4-1	10 x Ie AC-3
Beschermende apparaten met kortsluiting	gG Type Fuses 400 A
Nominale kortstondige grensstroom (I_{cw})	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 1640 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 350 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 670 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 2050 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 947 A
Maximale elektrische schakelfrequentie	(AC-1) 300 omwentelingen per uur (AC-2 / AC-4) 150 omwentelingen per uur (AC-3) 300 omwentelingen per uur
Nominaal isolatievoltage (U_i)	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V acc. to UL/CSA 600 V

Nominale impuls grensvoltage (U_{imp})	8 kV
Mechanische duurzaamheid	5 million
Maximale mechanische schakelfrequentie	300 omwentelingen per uur
Spoel operationele limieten	(acc. to IEC 60947-4-1) U_c (at $\theta \leq 70^\circ\text{C}$)
Nominale stuurstroomkringspanning (U_c)	50 Hz 250 ... 500 V 60 Hz 250 ... 500 V DC Operation 250 ... 500 V
Spoelverbruik	Holding at Max. Rated Control Circuit Voltage 50 Hz 16.1 V·A Holding at Max. Rated Control Circuit Voltage 60 Hz 16.1 V·A Pull-in at Max. Rated Control Circuit Voltage 50 Hz 185 V·A Pull-in at Max. Rated Control Circuit Voltage 60 Hz 185 V·A Pull-in at Max. Rated Control Circuit Voltage DC 188 W
Bedieningstijd	Between Coil De-energization and NO Contact Opening 37 ... 47 ms Between Coil Energization and NO Contact Closing 25 ... 55 ms
Beschermingsgraad	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP40
Terminaltype	Main Circuit: Bars

Technische specificaties UL/CSA

Maximale bedrijfsspanning UL/CSA	Main Circuit 1000 V
Algemeen gebruik klasse UL/CSA	(600 V AC) 300 A

Milieu

Omgevingsluchttemperatu ur	Close to Contactor Fitted with Thermal O/L Relay (0.85 ... 1.1 U_c) -25 ... +55 °C Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 U_c) -40 ... +70 °C bij schakelaar voor opslag -40 ... +70 °C
Maximale werkhoogte toegestaan	3000 m
RoHS-status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Certificaten en verklaringen (documentnummer)

ABS-certificaat	14-LD1092198-PDA
BV-certificaat	BV_36353_A0BV
CB-certificaat	SE-82315
CCS-certificaat	GB14T00030
CQC-certificaat	CQC2014010304676685 CQC2014010304724672
cUL-certificaat	20121023-E36588
Declaration of Conformity - CCC	2020980304001306 2020980304001071
Conformiteitsverklaring - CE	2CMT2015-005439
DNV-certificaat	DNV_E-14043
DNV GL-certificaat	DNV_E-14043

EAC-certificaat	9AKK107046A8618
Milieu-informatie	2CMT004732 1SAC200042H0004
GL-certificaat	GL_95072-14HH
Instructies en handleidingen	1SFC100008M0201
KC-certificaat	9AKK107046A9912
LR-certificaat	LR_14_70011(E1)
PRS-certificaat	TE_2092_880423_16
RINA-certificaat	ELE060313XG_002
RMRS-certificaat	9AKK107045A6978
RoHS-informatie	2CMT2015-005439
UL-noteringskaart	UL_E36588

Verpakkingsinformatie

Pakketniveau 1 Units	box 1 stuk
Pakketniveau 1 Breedte	160 mm
Pakketniveau 1 Lengte	258 mm
Pakketniveau 1 Hoogte	235 mm
Pakketniveau 1 Brutogewicht	3 kg
Pakketniveau 1 EAN	7320500481400

Classificatie

Object classificatiecode	Q
ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 5	EC000066 - Magnet contactor, AC-switching
ETIM 6	EC000066 - Magneetschakelaar
ETIM 7	EC000066 - Power contactor, AC switching
eClass	V11.0 : 27371003
UNSPSC	39121529
IDEA Granular Category Code (IGCC)	4755 >> Contactors
E-Number (Finland)	3707509

Categorieën

Laagspanningsproducten en -systemen → Control Producten → Magneetschakelaars → Magneetschakelaars

