

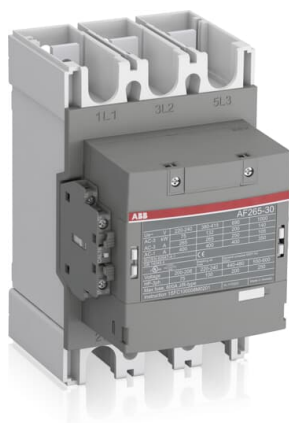



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 PRODUCT-DETAILS

# AF265-30-11-11

## AF265-30-11-11 Contactor




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**General Information**

Extended Product Type	AF265-30-11-11
Product ID	1SFL547002R1111
EAN	7320500481141
Catalog Description	AF265-30-11-11 Contactor
Long Description	A 3-phase Contactor suitable for various applications such as Motor starting, Isolation, Bypass and Distribution application up to max 1000 V. Operated with wide control voltage range 24-60 V, 50 and 60 Hz, 20-60 V DC

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**Classifications**

Object Classification Code	Q
ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 5	EC000066 - Magnet contactor, AC-switching
ETIM 6	EC000066 - Power contactor, AC switching
ETIM 7	EC000066 - Power contactor, AC switching
UNSPSC	39121529
IDEA Granular Category Code (IGCC)	4755 >> Contactors
E-Number (Norway)	4117647
E-Number (Sweden)	3210153

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**Container Information**

Package Level 1 Units	box 1 piece
Package Level 1 Width	263 mm
Package Level 1 Depth / Length	203 mm
Package Level 1 Height	289 mm
Package Level 1 Gross Weight	4.6 kg
Package Level 1 EAN	7320500481141

### Certificates and Declarations (Document Number)

ABS Certificate	14-LD1092198-PDA
BV Certificate	BV_36353_A0BV
CB Certificate	SE-89316
CCC Certificate	CQC_2014010304676670
CCS Certificate	GB14T00030
cUL Certificate	20121217-E36588
Declaration of Conformity - CE	2CMT2015-005439
DNV Certificate	DNV_E-14043
DNV GL Certificate	DNV_E-14043
EAC Certificate	9AKK107046A8618
Environmental Information	2CMT004732
GL Certificate	GL_95073-14HH
Instructions and Manuals	1SFC100008M0201
LR Certificate	LR_14_70011(E1)
PRS Certificate	TE_2092_880423_16
RINA Certificate	ELE060313XG_002
RMRS Certificate	9AKK107045A6978
RoHS Information	2CMT2015-005439
UL Listing Card	UL_E36588

### Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 1000 V
General Use Rating UL/CSA	(600 V AC) 350 A
Horsepower Rating UL/CSA	(200 V AC) Three Phase 75 hp (208 V AC) Three Phase 75 hp (220 ... 240 V AC) Three Phase 100 hp (440 ... 480 V AC) Three Phase 200 hp (550 ... 600 V AC) Three Phase 250 hp

### Environmental

Ambient Air Temperature	Close to Contactor for Storage -40 ... +70 °C Close to Contactor Fitted with Thermal O/L Relay (0.85 ... 1.1 Uc) -25 ... +50 °C Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 Uc) -40 ... +70 °C
Maximum Operating Altitude Permissible	3000 m
RoHS Status	Following EU Directive 2015/863 July 22, 2019 (RoHS 3)

### Technical

Number of Main Contacts	3
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NO	
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	1
Number of Auxiliary Contacts NC	1
Rated Operational Voltage	Main Circuit 1000 V
Rated Frequency (f)	Main Circuit 50/60 Hz
Conventional Free-air Thermal Current ( $I_{th}$ )	acc. to IEC 60947-4-1, Open Contactors $q = 40\text{ °C}$ 400 A
Rated Operational Current AC-1 ( $I_e$ )	(1000 V) 40 °C 350 A (1000 V) 55 °C 300 A (1000 V) 60 °C 300 A (1000 V) 70 °C 240 A (690 V) 40 °C 400 A (690 V) 55 °C 350 A (690 V) 70 °C 290 A
Rated Operational Current AC-3 ( $I_e$ )	(1000 V) 55 °C 113 A (220 / 230 / 240 V) 55 °C 265 A (380 / 400 V) 55 °C 265 A (415 V) 55 °C 265 A (440 V) 55 °C 265 A (500 V) 55 °C 250 A (690 V) 55 °C 250 A
Rated Operational Power AC-3 ( $P_e$ )	(1000 V) 160 (220 / 230 / 240 V) 75 kW (380 / 400 V) 132 kW (415 V) 132 kW (440 V) 160 kW (500 V) 160 kW (690 V) 200 kW
Rated Breaking Capacity AC-3 acc. to IEC 60947-4-1	8 x $I_e$ AC-3
Rated Making Capacity AC-3 acc. to IEC 60947-4-1	10 x $I_e$ AC-3
Short-Circuit Protective Devices	gG Type Fuses 500 A
Rated Short-time Withstand Current ( $I_{cw}$ )	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 2120 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 400 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 865 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 2650 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 1224 A
Maximum Breaking Capacity	$\cos \phi = 0.45$ ( $\cos \phi = 0.35$ for $I_e > 100$ A) at 440 V 3800 A $\cos \phi = 0.45$ ( $\cos \phi = 0.35$ for $I_e > 100$ A) at 690 V 3300 A
Maximum Electrical Switching Frequency	AC-1 300 cycles per hour AC-2 / AC-4 150 cycles per hour AC-3 300 cycles per hour
Rated Operational Current DC-1 ( $I_e$ )	(110 V) 2 Poles in Series, 40 °C 350 A (220 V) 3 Poles in Series, 40 °C 350 A
Rated Operational Current DC-3 ( $I_e$ )	(110 V) 2 Poles in Series, 40 °C 350 A (220 V) 3 Poles in Series, 40 °C 350 A
Rated Operational Current DC-5 ( $I_e$ )	(110 V) 2 Poles in Series, 40 °C 350 A (220 V) 3 Poles in Series, 40 °C 350 A
Rated Insulation Voltage ( $U_i$ )	acc. to UL/CSA 600 V acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	Main Circuit 8 kV
Mechanical Durability	5 million
Maximum Mechanical Switching Frequency	300 cycles per hour
Coil Operating Limits	(acc. to IEC 60947-4-1) 0.85 x $U_c$ Min. ... 1.1 x $U_c$ Max. (at $\theta \leq 70\text{ °C}$ )
Rated Control Circuit Voltage ( $U_c$ )	50 Hz 24 ... 60 V 60 Hz 24 ... 60 V DC Operation 20 ... 60 V
Coil Consumption	Holding at Max. Rated Control Circuit Voltage 50 Hz 8.5 V·A

	Holding at Max. Rated Control Circuit Voltage 60 Hz 8.5 V-A Holding at Max. Rated Control Circuit Voltage DC 3 W Pull-in at Max. Rated Control Circuit Voltage 50 Hz 475 V-A Pull-in at Max. Rated Control Circuit Voltage 60 Hz 475 V-A Pull-in at Max. Rated Control Circuit Voltage DC 400 W
Operate Time	Between Coil De-energization and NO Contact Opening 37 ... 47 ms Between Coil Energization and NO Contact Closing 25 ... 55 ms
Connecting Capacity Main Circuit	Flexible 2 x 70 ... 185 m <sup>2</sup> Rigid Al-Cable 1 x 185 ... 240 m <sup>2</sup> Rigid Cu-Cable 2 x 70 ... 185 m <sup>2</sup>
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 2x 0.75 ... 2.5 Flexible with Insulated Ferrule 2x 0.75 ... 2.5 Flexible 2x0.75 ... 2.5 m <sup>2</sup> Solid 2 x 1 ... 4 m <sup>2</sup> Stranded 1 x 1 ... 4 m <sup>2</sup>
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00
Terminal Type	Main Circuit: Bars

## Dimensions

Product Net Width	140 mm
Product Net Depth / Length	180 mm
Product Net Height	225 mm
Product Net Weight	3.9 kg

## Popular Downloads

Data Sheet, Technical Information	1SBC100192C0206
Instructions and Manuals	1SFC100008M0201

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

## Categories

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors





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