AF1250-30-11-68

Generell informasjon

Utvidet produkttype:	AF1250-30-11-68
Produkt-ID:	1SFL647001R6811
EAN:	7320500346075
Katalogbeskrivelse:	AF1250-30-11 24-60V DC Contactor
Lang beskrivelse:	The AF1250-30-11-68 is a 3 pole - 1000 V IEC or 600 V UL contactor with pre-mounted auxiliary contacts and Main Circuit Bars, switching power circuits up to 1260 A (AC-1) or 1210 A UL general use. Thanks to the AF technology, the contactor has a wide control voltage range (24-60 V 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. **Show less**

Ordering

Minimum ordreantall:	1 piece
Tolltariffnummer:	85364900

Popular Downloads

Dataark, teknisk informasjon:	1SBC100214C0202 - Main catalog Motor protection and control Manual motor starters, contactors and overload relays (PDF) - Edition 2024
Data Sheet, Technical Information (Part 2):	Contactors and Overload relays guide
Instruksjoner og bruksanvisninger:	1SFC380023-en
CAD Dimensional Drawing:	Information - 2D and 3D files for CAD systems

Dimensions

Produktets nettobredde:	210 mm
Produktets netto dybde/lengde:	242 mm
Produktets netto høyde:	344 mm
Produktets nettovekt:	14.6 kg

Technical

Number of Main Contacts NO:	3
Number of Main Contacts NC:	0
Number of Auxiliary Contacts NO:	1
Number of Auxiliary Contacts NC:	1
Antall stenger:	3P
Nominell driftsspenning:	Main Circuit 1000 V
Conventional Free-air Thermal Current (I_{th}):	acc. to IEC 60947-4-1, Open Contactors @ = 40 °C 1050 A
Rated Operational Current AC-1 (I_e):	(1000 V) 40 °C 1260 A (1000 V) 55 °C 1040 A (1000 V) 70 °C 875 A (690 V) 40 °C 1260 A (690 V) 55 °C 1040 A (690 V) 70 °C 875 A
Rated Operational Current DC-1 (I_e):	(220 V) 3 Poles in Series, 40 °C 1250 A (600 V) 3 Poles in Series, 40 °C 1250 A (850 V) 3 Poles in Series, 40 °C 1250 A
Rated Operational Current DC-3 (I_e):	(220 V) 3 Poles in Series, 40 °C 1250 A (600 V) 3 Poles in Series, 40 °C 1250 A (850 V) 3 Poles in Series, 40 °C 1250 A
Rated Operational Current DC-5 (I_e):	(220 V) 3 Poles in Series, 40 °C 1250 A (600 V) 3 Poles in Series, 40 °C 1250 A (850 V) 3 Poles in Series, 40 °C 1250 A
Rated Breaking Capacity AC-3:	8 x Ie AC-3
Rated Making Capacity AC-3:	10 x Ie AC-3
Rated Short-time Withstand Current Low Voltage (I_{cw}):	at 40 °C Ambient Temp, In Free Air, from a Cold State 10 s 7200 A at 40 °C Ambient Temp, In Free Air, from a Cold State 15 min 1500 A at 40 °C Ambient Temp, In Free Air, from a Cold State 1 min 4000 A at 40 °C Ambient Temp, In Free Air, from a Cold State 1 s 8000 A at 40 °C Ambient Temp, In Free Air, from a Cold State 30 s 5200 A
Maximum Breaking Capacity:	cos phi=0.45 (cos phi=0.35 for Ie > 100 A) at 440 V 7500 A cos phi=0.45 (cos phi=0.35 for Ie > 100 A) at 690 V 7000 A
Rated Insulation Voltage (U_i):	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V acc. to UL/CSA 600 V
Rated Impulse Withstand Voltage (U_{imp}):	Main Circuit 8 kV
Maximum Electrical Switching Frequency:	(AC-1) 300 cycles per hour
Mechanical Durability:	0.5 million
Maximum Mechanical Switching Frequency:	300 cycles per hour
Coil Operating Limits:	(acc. to IEC 60947-4-1) 0.85 x Uc Min. ... 1.1 x Uc Max. (at θ ≤ 70 °C)
Rated Control Circuit Voltage (U_s):	DC Operation 24 ... 60 V
Coil Consumption:	Holding at Max. Rated Control Circuit Voltage 50 Hz 12 V A Holding at Max. Rated Control Circuit Voltage 60 Hz 12 V A Holding at Max. Rated Control Circuit Voltage DC 5.5 V A Pull-in at Max. Rated Control Circuit Voltage 50 Hz 780 V-A Pull-in at Max. Rated Control Circuit Voltage 60 Hz 780 V-A Pull-in at Max. Rated Control Circuit Voltage DC 785 V A
Power Loss:	at Rated Operating Conditions per Pole 80 W
Operate Time:	Between Coil De-energization and NC Contact Closing 50 ... 70 ms Between Coil De-energization and NO Contact Opening 53 ... 73 ms Between Coil Energization and NC Contact Opening 45 ... 115 ms Between Coil Energization and NO Contact Closing 50 ... 120 ms
Connecting Capacity Main Circuit:	Bar 50 mm^2
Connecting Capacity Auxiliary Circuit:	Flexible with Ferrule 2x 0.75 ... 2.5 mm^2 Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm^2 Flexible 1x0.75 ... 2.5 mm^2 Solid 2 x 1 ... 4 mm^2 Stranded 2 x 1 ... 4 mm^2
Connecting Capacity:	Bar 50 mm^2
Beskyttelsesgrad:	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00
Connecting Terminals (delivered in open position) Main Poles:	M 3.5 (+,-) pozidriv 2 screw with cable clamp
Tiltrekningsmoment:	Cable Lug 45 N·m
Terminaltype:	Main Circuit: Bars
Produktnavn:	Block Contactor

Technical UL/CSA

Horsepower Rating NEMA:	(230 V AC) Three Phase 300 Hp (460 V AC) Three Phase 600 Hp (575 V AC) Three Phase 600 Hp
Maximum Operating Voltage UL/CSA:	Main Circuit 1000 V
General Use Rating UL/CSA:	(1000 V AC) 1210 A

Environmental

Omgivelsesuftttemperatur:	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 Close to Contactor for Storage -40 ... 70 °C
Maksimalt tillatte driftshøyde:	Without Derating 3000 m
Motstand overfor støt iht. til IEC 60068-2-27:	Shock Direction: A 5 g Shock Direction: B1 5 g Shock Direction: B2 5 g Shock Direction: C1 5 g Shock Direction: C2 5 g

Material Compliance

Conflict Minerals Reporting Template (CMRT):	CMRT - Conflict Minerals Reporting Template
REACH Declaration:	REACH - Letter of Confirmation for block contactors, contactor relays, installation contactors, mini contactors, mini contactor relays, thermal overload relays, electronic overload relays and related accessories
RoHS-informasjon:	RoHS II declaration for block contactors, installation contactors, mini contactors, mini contactor relays, thermal overload relays, electronic overload relays and related accessories
RoHS-status:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA:	Toxic Substances Control Act (TSCA) declaration for Contactors
WEEE B2C/B2B:	Business To Business
WEEE-kategori:	5. Small Equipment (No External Dimension More Than 50 cm)

ABB EcoSolutions

End Of Life Disassembling Instructions:	End-of-life instruction - AF(1)(8)0(B)-^ AF(1)(75)0(B)-^, AF75GN7, AF1250(B)-^
Environmental Product Declaration - EPD:	Environmental Product Declaration AF(1)(8)0(F)(H), AF(1)(75)0(F)(H), AF1250 (SE) Contactors

Certificates and Declarations

ABS-sertifikat:	ABS Certificate, Contactor, AF400...AF2050 (Sweden)
BV-sertifikat:	BV Certificate, Contactor, AF400 ...AF2850
CB Certificate:	SE-82865
CCS Certificate:	CCS Certificate, Contactor, AF116 to AF2850 (Sweden)
CQC Certificate:	CQC Certificate, Contactor, AF1250-30-^-^, Made in Sweden CQC Certificate, Contactor, AF1250, Made in China
Declaration of Conformity - CCC:	CCC Declaration of Conformity, Contactor, AF1250-30-^-^, Made in Sweden CCC Declaration of Conformity, Contactor, AF1250, Made in China
Samsvarserklæring - CE:	CE Declaration of Conformity - Contactor - AF400...AF2850
Declaration of Conformity - UKCA:	UK Declaration of Conformity - Contactors >100A
DNV GL Certificate:	DNV Certificate, Contactor, AF400...AF2850
EAC Certificate:	9AKK107046A8618
LR-sertifikat:	Lloyds register Certificate, Contactor, AF400...AF2850
PRS-sertifikat:	PRS Certificate - AF116...AF1650
RINA-sertifikat:	RINA Certificate, AF95...AF110, AF145, AF185, AF210, AF260, AF300, AF400, AF460, AF580, AF750, AF1250, AF1350, AF1650, AF2050, AF2650, AF116, AF140, AF146, AF150, AF205, AF265, AF305, AF370
RMRS-sertifikat:	9AKK107046A6978
UL-sertifikat:	cULus Certificate, Contactor, AF1250
UL Listing Card:	UL_E73397

Container Information

Pakkenivå 1 enheter:	box 1 piece
Pakkenivå 1 bredde:	280 mm
Pakkenivå 1 dybde/lengde:	375 mm
Pakkenivå 1 høyde:	310 mm
Pakkenivå 1 bruttovekt:	16 kg
Pakkenivå 1 EAN:	7320500346075

External Classifications and Standards

Objektklassifiseringskode:	Q
ETIM 7:	EC000066 - Power contactor, AC switching
ETIM 8:	EC000066 - Power contactor, AC switching
ETIM 9:	EC000066 - Power contactor, AC switching
e-klasse:	V11.0 : 27371003
UNSPSC:	39121529
IDEA-granulærkategorikode (IGCC):	4758 >> Iec Contactors
E-Number (Norway):	4115380
E-Number (Sweden):	4115380

Tilleggsutstyr

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22 Produkter

Søk etter produkter...

Identifikator	Beskrivelse	Type	Kvantum	UOM	Actions
1SFN076407R1000	LW1250 Terminal Enlargement	LW1250	1	piece	
1SFN265503R9215	AF1250 Cover Replacement Part	Spare Part Cover AF1250	1	piece	
1SFN265503R9245	AF1250 Base Replacement Part	Spare Part Bottom AF1250	1	piece	
1SFN166403R1000	ZL1250 Main Contact Kit	ZL1250	1	piece	
1SFN265503R9216	AF1350 Cover Replacement Part	Spare Part Cover AF1350	1	piece	

AF2050-30-11-70

General Information

Extended Product Type:	AF2050-30-11-70
Product ID:	1SFL707001R7011
EAN:	7320500359099
Catalog Description:	AF2050-30-11 100-250V 50/60Hz / 100-250 DC Contactor
Long Description:	The AF2050-30-11-70 is a 3 pole - 1000 V IEC or 1000 V UL contactor with pre-mounted auxiliary contacts and Main Circuit Bars, switching power circuits up to 2050 A (AC-1) or 2150 A UL general use. Thanks to the AF technology, the contactor has a wide control voltage range (100-250 V 50/60 Hz and DC... Show more

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

Popular Downloads

Data Sheet, Technical Information:	1SFC100214C0202 - Main catalog Motor protection and control Manual motor starters, contactors and overload relays (PDF) - Edition 2024
Data Sheet, Technical Information (Part 2):	Contactors and Overload relays guide
Instructions and Manuals:	Operating Instruction, Contactors AF1350, AF1650 AF2050
CAD Dimensional Drawing:	Information - 2D and 3D files for CAD systems
Dimension Diagram:	Dimension Drawing, Contactor, AF1350, AF1650

Dimensions

Product Net Width:	438 mm
Product Net Depth / Length:	244 mm
Product Net Height:	392 mm
Product Net Weight:	33 kg

Technical

Number of Main Contacts NO:	3
Number of Main Contacts NC:	0
Number of Auxiliary Contacts NO:	1
Number of Auxiliary Contacts NC:	1
Number of Poles:	3P
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 Θ = 40 °C 2050 A
Rated Operational Current AC-1 (I_e):	(1000 V) 40 °C 2050 A (1000 V) 55 °C 1750 A (1000 V) 70 °C 1500 A (690 V) 40 °C 2050 A (690 V) 55 °C 1750 A (690 V) 70 °C 1500 A
Rated Operational Current AC-3 (I_e):	(220 / 230 / 240 V) 55 °C 1060 A
Rated Operational Current DC-1 (I_e):	(220 V) 3 Poles In Series, 40 °C 2050 A (600 V) 3 Poles In Series, 40 °C 2050 A (850 V) 3 Poles In Series, 40 °C 2050 A
Rated Operational Power AC-3 (P_e):	(415 V) 630 kW (440 V) 710 kW (690 V) 1000 kW (1000 V) 630 kW
Rated Breaking Capacity AC-3:	8 x Ie AC-3
Rated Making Capacity AC-3:	10 x Ie AC-3
Rated Short-time Withstand Current Low Voltage (I_{cw}):	at 40 °C Ambient Temp, In Free Air, from a Cold State 10 s 10000 A at 40 °C Ambient Temp, In Free Air, from a Cold State 15 min 2200 A at 40 °C Ambient Temp, In Free Air, from a Cold State 1 min 5500 A at 40 °C Ambient Temp, In Free Air, from a Cold State 1 s 12000 A at 40 °C Ambient Temp, In Free Air, from a Cold State 30 s 7500 A
Maximum Breaking Capacity:	cos phi=0.45 (cos phi=0.35 for Ie > 100 A) at 440 V 12000 A
Rated Insulation Voltage (U_i):	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V acc. to UL/CSA 1000 V
Rated Impulse Withstand Voltage (U_{imp}):	Main Circuit 8 kV
Maximum Electrical Switching Frequency:	(AC-1) 60 cycles per hour
Mechanical Durability:	0.5 million
Maximum Mechanical Switching Frequency:	300 cycles per hour
Coil Operating Limits:	(acc. to IEC 60947-4-1) 0.85 x Uc Min. ... 1.1 x Uc Max. (at θ ≤ 70 °C)
Rated Control Circuit Voltage (U_c):	50 Hz 100 ... 250 V 50 Hz / 60 Hz 100 ... 250 V 60 Hz 100 ... 250 V DC Operation 100 ... 250 V
Coil Consumption:	Holding at Max. Rated Control Circuit Voltage 50 Hz 48 V-A Holding at Max. Rated Control Circuit Voltage 60 Hz 48 V-A Holding at Max. Rated Control Circuit Voltage DC 20.5 V-A Pull-in at Max. Rated Control Circuit Voltage 50 Hz 2450 V-A Pull-in at Max. Rated Control Circuit Voltage 60 Hz 2450 V-A Pull-in at Max. Rated Control Circuit Voltage DC 2290 V-A
Power Loss:	at Rated Operating Conditions per Pole 125 W
Operate Time:	Between Coil De-energization and NC Contact Closing 35 ... 55 ms Between Coil De-energization and NO Contact Opening 35 ... 55 ms Between Coil Energization and NC Contact Opening 50 ... 80 ms Between Coil Energization and NO Contact Closing 50 ... 80 ms
Connecting Capacity Main Circuit:	Bar 100 mm^2
Connecting Capacity Auxiliary Circuit:	Flexible with Ferrule 2x 0.75 ... 2.5 mm^2 Flexible with Insulated Ferrule 2x 0.75 ... 2.5 mm^2 Flexible 2x0.75 ... 2.5 mm^2 Solid 2 x 1 ... 4 mm^2 Stranded 1 x 1 ... 4 mm^2
Connecting Capacity:	Bar 100 mm^2
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
Tightening Torque:	Cable Lug 45 N m
Terminal Type:	Main Circuit: Bars
Product Name:	Block Contactor

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	Main Circuit 1000 V
General Use Rating UL/CSA:	(1000 V AC) 2100 A (600 V AC) 2100 A

Environmental

Ambient Air Temperature:	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 Close to Contactor for Storage -40 ... 70 °C
Maximum Operating Altitude Permissible:	Without Derating 3000 m

Material Compliance

Conflict Minerals Reporting Template (CMRT):	CMRT - Conflict Minerals Reporting Template
REACH Declaration:	REACH - Letter of Confirmation for block contactors, contactor relays, installation contactors, mini contactors, mini contactor relays, thermal overload relays, electronic overload relays and related accessories
RoHS Information:	RoHS II declaration for block contactors, installation contactors, mini contactors, mini contactor relays, thermal overload relays, electronic overload relays and related accessories
RoHS Status:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA:	Toxic Substances Control Act (TSCA) declaration for Contactors
WEEE B2C / B2B:	Business To Business
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)

ABB EcoSolutions

End Of Life Disassembling Instructions:	End-of-life Instruction - AF1350/B1(T), AF1650/B1(T), AF1650NB, AF2050/B1(T), AF2650/B1(T), AF2850/B1(T)
Environmental Product Declaration - EPD:	Environmental product declaration AF1350(T), AF1650(T)NB, AF2050(T), AF2650(T), AF2850 (SE) Environmental product declaration AF1350, AF1650, AF2050, AF2650 (CN) Contactors

Certificates and Declarations

ABS Certificate:	ABS Certificate, Contactor, AF400... AF2050 (Sweden)
BV Certificate:	BV Certificate, Contactor AF400 ... AF2850
CB Certificate:	SEMKO_SE-74013
CCS Certificate:	CCS Certificate, Contactor, AF116 to AF2850 (Sweden)
CQC Certificate:	CQC Certificate, AC Contactor, AF1350-30-*-*, AF1650-30-*-*, AF2050-30-*-*, AF1350T-30-*-*, AF1650T-30-*-*, AF2050T-30-*-*, Made in Sweden CQC Certificate, Contactor, AF1350, AF1650, AF2050, Made in China
Declaration of Conformity - CCC:	CCC Declaration of Conformity, AC Contactor, AF1350-30-*-*, AF1650-30-*-*, AF2050-30-*-*, AF1350T-30-*-*, AF1650T-30-*-*, AF2050T-30-*-*, Made in Sweden CCC Declaration of Conformity, Contactor, AF1350, AF1650, AF2050, Made in China
Declaration of Conformity - CE:	CE Declaration of Conformity - Contactor - AF400...AF2850
Declaration of Conformity - UKCA:	UK Declaration of Conformity - Contactors >100A
EAC Certificate:	9AKK107046A8618
LR Certificate:	Lloyds register Certificate, Contactor, AF400...AF2850
RINA Certificate:	RINA Certificate, AF96, AF110, AF145, AF185, AF210, AF260, AF300, AF400, AF460, AF580, AF750, AF1350, AF1350, AF1650, AF2050, AF2650, AF2850, AF116, AF140, AF146, AF180, AF205, AF265, AF305, AF370
RMRS Certificate:	9AKK107046A8978
UL Certificate:	cULus Certificate, Contactor, AF1350, AF1650, AF2050 (NLDX)
UL Listing Card:	UL_E73397

Container Information

Package Level 1 Units:	box 1 piece
Package Level 1 Width:	555 mm
Package Level 1 Depth / Length:	365 mm
Package Level 1 Height:	500 mm
Package Level 1 Gross Weight:	35 kg
Package Level 1 EAN:	7320500359099

External Classifications and Standards

Object Classification Code:	Q
ETIM 7:	EC000066 - Power contactor, AC switching
ETIM 8:	EC000066 - Power contactor, AC switching
ETIM 9:	EC000066 - Power contactor, AC switching
eClass:	V11.0 : 27371003
UNSPSC:	39121529
IDEA Granular Category Code (IGCC):	4758 => Iec Contactors
E-Number (Finland):	3709259
E-Number (Norway):	4115385
E-Number (Sweden):	4115385

Accessories

Filters

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50 Products

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Identifier	Description	Type	Qty	Unit Of Measure	Actions
1SFN035203R1000	VM205/265 Mechanical Interlock Unit	VM205/265	1	piece	
1SFN074807R1000	LW205 Terminal Enlargement	LW205	1	piece	
1SFN074807R2000	LW205-40 Terminal Enlargement	LW205-40	1	piece	
1SFN074810R1000	LX205 Terminal Extension	LX205	1	piece	
1SFN074811R1000	LL205-30 Connection Socket	LL205-30	1	piece	

AF2850-30-11-70

General Information

Extended Product Type:	AF2850-30-11-70
Product ID:	1SFL687001R7011
EAN:	7320500515440
Catalog Description:	AF2850-30-11-70 Contactor
Long Description:	The AF2850-30-11-70 is a 3 pole - 1000 V IEC or 1000 V UL contactor with pre-mounted auxiliary contacts and Main Circuit Bars, switching power circuits up to 2850 A (AC-1) or 2850 A UL general use. Thanks to the AF technology, the contactor has a wide control voltage range (100-250 V 50/60 Hz and DC... Show more

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

Popular Downloads

Data Sheet, Technical Information:	1SBC100214C0202 - Main catalog Motor protection and control Manual motor starters, contactors and overload relays (PDF) - Edition 2024
Data Sheet, Technical Information (Part 2):	Contactors and Overload relays guide
Instructions and Manuals:	Operating instruction ,Contactors AF2650(T), AF2850(T)
CAD Dimensional Drawing:	Information - 2D and 3D files for CAD systems

Dimensions

Product Net Width:	438 mm
Product Net Depth / Length:	244 mm
Product Net Height:	422 mm
Product Net Weight:	43 kg

Technical

Number of Main Contacts NO:	3
Number of Main Contacts NC:	0
Number of Auxiliary Contacts NO:	1
Number of Auxiliary Contacts NC:	1
Number of Poles:	3P
Rated Operational Voltage:	Main Circuit 1000 V
Rated Frequency (f):	Main Circuit 60 Hz
Conventional Free-air Thermal Current (I_{th}):	acc. to IEC 60947-4-1, Open Contactors @ = 40 °C 2850 A
Rated Operational Current AC-1 (I_e):	(1000 V) 40 °C 2850 A (1000 V) 55 °C 2600 A (1000 V) 70 °C 2300 A (690 V) 40 °C 2850 A (690 V) 55 °C 2600 A (690 V) 70 °C 2300 A
Rated Insulation Voltage (U_i):	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V acc. to UL/CSA 1000 V
Rated Impulse Withstand Voltage (U_{imp}):	8 kV
Maximum Electrical Switching Frequency:	(AC-1) 15 cycles per hour
Mechanical Durability:	0.3 million
Maximum Mechanical Switching Frequency:	60 cycles per hour
Coil Operating Limits:	(acc. to IEC 60947-4-1) 0.85 ... 1.1 x Uc (at θ ≤ 70 °C)
Rated Control Circuit Voltage (U_c):	50 Hz 100 ... 250 V 60 Hz 100 ... 250 V DC Operation 100 ... 250 V
Coil Consumption:	Holding at Max. Rated Control Circuit Voltage 50 Hz 48 V A Holding at Max. Rated Control Circuit Voltage 60 Hz 48 V A Holding at Max. Rated Control Circuit Voltage DC 20.5 W Pull-in at Max. Rated Control Circuit Voltage 50 Hz 2450 V A Pull-in at Max. Rated Control Circuit Voltage 60 Hz 2540 V A Pull-in at Max. Rated Control Circuit Voltage DC 2290 W
Power Loss:	at Rated Operating Conditions per Pole 200 W
Operate Time:	Between Coil De-energization and NC Contact Closing 35 ... 55 ms Between Coil De-energization and NO Contact Opening 35 ... 55 ms Between Coil Energization and NC Contact Opening 50 ... 80 ms Between Coil Energization and NO Contact Closing 50 ... 80 ms
Connecting Capacity Main Circuit:	Bar 100 mm^2
Connecting Capacity Auxiliary Circuit:	Flexible with Ferrule 2x 0.75 ... 2.5 mm^2 Flexible with Insulated Ferrule 2x 0.75 ... 2.5 mm^2 Flexible 2x0.75 ... 2.5 mm^2 Solid 2 x 1 ... 4 mm^2 Stranded 2 x 1 ... 4 mm^2
Connecting Capacity:	Bar 100 mm^2
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
Product Name:	Block Contactor

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	Main Circuit 1000 V
General Use Rating UL/CSA:	(1000 V AC) 2850 A (600 V AC) 2850 A

Environmental

Ambient Air Temperature:	Close to Contactor without Thermal O/L Relay -40 ... 70 °C Close to Contactor for Storage -40 ... 70 °C
Maximum Operating Altitude Permissible:	Without Derating 3000 m

Material Compliance

Conflict Minerals Reporting Template (CMRT):	CMRT - Conflict Minerals Reporting Template
REACH Declaration:	REACH - Letter of Confirmation for block contactors, contactor relays, installation contactors, mini contactors, mini contactor relays, thermal overload relays, electronic overload relays and related accessories
RoHS Information:	RoHS II declaration for block contactors, installation contactors, mini contactors, mini contactor relays, thermal overload relays, electronic overload relays and related accessories
RoHS Status:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA:	Toxic Substances Control Act (TSCA) declaration for Contactors
WEEE B2C / B2B:	Business To Business
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)

ABB EcoSolutions

End Of Life Disassembling Instructions:	End-of-life instruction - AF1350(B)(T), AF1650(B)(T), AF1650N8, AF2050(B)(T), AF2650(B)(T), AF2850(B)(T)
Environmental Product Declaration - EPD:	Environmental product declaration AF1350(T), AF1650(T)(N), AF2050(T), AF2650(T), AF2850 (SE)

Certificates and Declarations

CB Certificate:	SEMKO_SE70500M1
CQC Certificate:	CQC Certificate ,AC Contactor ,AF2650-30-*-*, AF2650T-30-*-*, AF2850-30-*-*, AF2850T-30-*-*, Made in Sweden
Declaration of Conformity - CCC:	CCC Declaration of Conformity ,AC Contactor, AF2650-30-*-*, AF2650T-30-*-*, AF2850-30-*-*, AF2850T-30-*-*, Made in Sweden
Declaration of Conformity - CE:	CE Declaration of Conformity - Contactor - AF400 ...AF2850
Declaration of Conformity - UKCA:	UK Declaration of Conformity - Contactors >100A
EAC Certificate:	9AKK107046A8618
LR Certificate:	Lloyds register Certificate ,Contactor, AF400 ...AF2850
UL Certificate:	cULus Certificate, Contactor, AF2650 ...AF2850

Container Information

Package Level 1 Units:	box 1 piece
Package Level 1 Width:	555 mm
Package Level 1 Depth / Length:	365 mm
Package Level 1 Height:	500 mm
Package Level 1 Gross Weight:	45 kg
Package Level 1 EAN:	7320500515440

External Classifications and Standards

Object Classification Code:	Q
ETIM 7:	EC000066 - Power contactor, AC switching
ETIM 8:	EC000066 - Power contactor, AC switching
ETIM 9:	EC000066 - Power contactor, AC switching
eClass:	V11.0 : 27371003
UNSPSC:	39121529
IDEA Granular Category Code (IGCC):	4758 >> Iec Contactors