

Representative Image

Alternate Catalog No. AF205B-30-22-12
Catalog No. 1SFL527063R1222

Description: AF205B-30-22-12 Contactor

UPC No 7320500511213

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A 3-pole Contactor suitable for Railway applications such as Motor starting, Isolation, By-pass and Distribution application up to max 1000 V. Operated with wide control voltage range 48-130 V, 50 /60 Hz and DC

Descriptors

Category	AF Contactors
Block Contactor Type	4-Pole Contactor

Specifications

Product Type	AF
General Use Rating UL/CSA	(600 V AC) 300 A
Object Classification Code	Q
Rated Control Circuit Voltage	50 Hz /60 Hz 48 ... 130 V DC Operation 48 ... 130 V
Number of Main Contacts NO	3
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	2
RoHS Status	Following EU Directive 2011/65/EU
Number of Auxiliary Contacts NC	2
Rated Operational Current AC-1	(1000 V) 40 °C 275 A (1000 V) 60 °C 250 A (1000 V) 70 °C 200 A (690 V) 40 °C 350 A (690 V) 60 °C 300 A (690 V) 70 °C 240 A
Rated Operational Power AC-3	(1000 V) 132 KWT (220 / 230 / 240 V) 55 KWT (380 / 400 V) 110 KWT (415 V) 110 KWT (440 V) 132 KWT (500 V) 110 KWT (690 V) 160 KWT
Rated Short-time Withstand Current	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
Rated Operational Current AC-3	(1000 V) 55 °C 100 A (220 / 230 / 240 V) 55 °C 205 A (380 / 400 V) 55 °C 205 A (415 V) 55 °C 205 A (440 V) 55 °C 205 A (500 V) 55 °C 165 A (690 V) 55 °C 165 A
Mechanical Durability	5000000 cycle

by ABB

Specifications

Maximum Mechanical Switching Frequency	300 cycles per hour

Classifications

ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 6.0	EC000066 - Power contactor, AC switching
ETIM 7	EC000066 - Power contactor, AC switching
IDEA Granular Category Code (IGCC)	4755 >> Contactors
ETIM 5.0	EC000066 - Magnet contactor, AC-switching

Dimensions

Product Net Weight	2.4 kg
Product Net Depth / Length	152 mm
Product Net Width	105 mm
Product Net Height	196 mm

Package Information

Package Level 1 Width	160 mm
Package Level 1 Height	235 mm
Package Level 1 Depth / Length	258 mm
Package Level 1 EAN	7320500511213
Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	3 kg

Ordering

Minimum Order Quantity	1
Customs Tariff Number	85364900