

DOL starter, 3 pole, 7.5 kW/400 V/AC3, 50 kA

MSC-DM-16-M15(230V50HZ)

Catalog No. 188290

Part no.

Eaton Catalog No. XTSC016B015BMFNL



Delivery program

Sealed device Waters Water straings Motor ratings Motor rating AC-3 Say 490 V 15 V P W 7.5 Rated operational current AC-3 403 V W 15 V W 15 V P W W 7.5 Rated operational current AC-3 403 V W 15	Delivery program			
Note ratings Motor rating AC-3 380 V 400 V 415 V Rated operational current AC-3 400 V Setting range Softing range of ovarload releases Non-delayed Non-delayed Non-delayed AC-accurate sequence Actualing voltage Actualing voltage Not suitable for motors with efficiency class IE3. ACCURACY SOLUTION SOLUTI	Basic function			DOL starters (complete devices)
Motor rating Motor rating AC-3 380 W 40 V 415 V P KW 75 Rated operational current AC-3 400 V Is 7 Setting range Setting range Submit releases In A 10 - 10 Non-delayed Non-delayed Non-delayed AC-3 Non-delayed AC-3 AC-4 AC-4 AC-5 AC-5 AC-7 A	Basic device			MSC
Motor rating AG3 380 V AB0 V 415 V F Returd operational current AG.3 400 V F Return operation AG.4 400 V F Return operation AG.	Notes			Not suitable for motors with efficiency class IE3.
AC-3 380 V 400 V 415 V Rested operational current AC-3 400 V Is 400 V Setting range of overload releases Ir Short-circuit release Non-delayed Non-delayed AC-3 A	Motor ratings			
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Setting range of overload releases Setting range of overload releases Short-circuit release Non-delayed N	Rated operational current			
Setting range of overload releases Setting range of overload releases Ir A 10 - 16 Non-delayed Non-delayed Irm A 248 Contact sequence Actuating voltage Actuating voltage Setting range of overload releases Ir A 2 248 Actuating voltage Actuating voltage 1 230 V 50 Hz Alternating voltage				
Setting range of overload releases short-circuit release Non-delayed Non-delayence A 248 Contact sequence Actuating voltage Actuating voltage In A 10 - 16 In A 248 Attenating voltage A 248 A 24	400 V	l _e	Α	15.2
Short-circuit release Non-delayed Im A 248 Contact sequence Actuating voltage Example 1 Authorized treeses Im A Definition of the sequence of the se	Setting range			
Non-delayed Contact sequence Actuating voltage Imm A 248 Atternating voltage Imm A 248 Atternating voltage Imm A 248 Atternating voltage	Setting range of overload releases	I _r	Α	10 - 16
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Non-delayed Contact sequence Contact sequence Actuating voltage 248 248 248 248 248 248 248 24				
Contact sequence Actuating voltage 230 V 50 Hz Alternating voltage	17			
Actuating voltage 230 V 50 Hz Alternating voltage	Non-delayed	I _{rm}	А	248
Alternating voltage	Contact sequence			
	Actuating voltage			230 V 50 Hz
Motor-protective circuit-breakers PKZM0-16				Alternating voltage
	Motor-protective circuit-breakers PKZM0-16			

Contactor DILM15-10(...)

Mechanical connection element and electrical electric contact module PKZM0-XDM15ME

Technical data

delleral	
Standards	IEC/EN 60947-4-1, VDE 0660
Mounting position	00000

Main conducting paths

Rated impulse withstand voltage	U_{imp}	V AC	6000
Overvoltage category/pollution degree			III/3
Rated operational voltage	U _e	V	230 - 415
Rated operational current			
Open, 3-pole: 50 – 60 Hz			
380 V 400 V	I _e	Α	15

Additional technical data

Motor protective circuit breaker PKZM0, PKE			PKZM0 motor-protective circuit-breakers, see motor-protective circuit-breakers/ PKZM0 product group DILM contactors, see contactor product group DILET timing relay, ETR, see contactors, electronic timing relays product group
DILM contactors			
Power consumption of the coil in a cold state and 1.0 x $\rm U_{\rm c}$			
Dual-voltage coil 50 Hz	Sealing	W	1.4

Rating data for approved types

Auxiliary contacts		
Pilot Duty		
AC operated		A600
DC operated		P300
General Use		
AC	V	600
AC	Α	15
DC	V	250
DC	Α	1

Design verification as per IEC/EN 61439

Technical data for design verification		
Operating ambient temperature max.	°C	-25
Operating ambient temperature max.	°C	55

Technical data ETIM 6.0

Low-voltage industrial components (EG000017) / Motor starter/Motor starter combination (EC001037)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Load breakout, motor breakout / Motor starter combination (ecl@ss8.1-27-37-09-05 [AJZ718010])

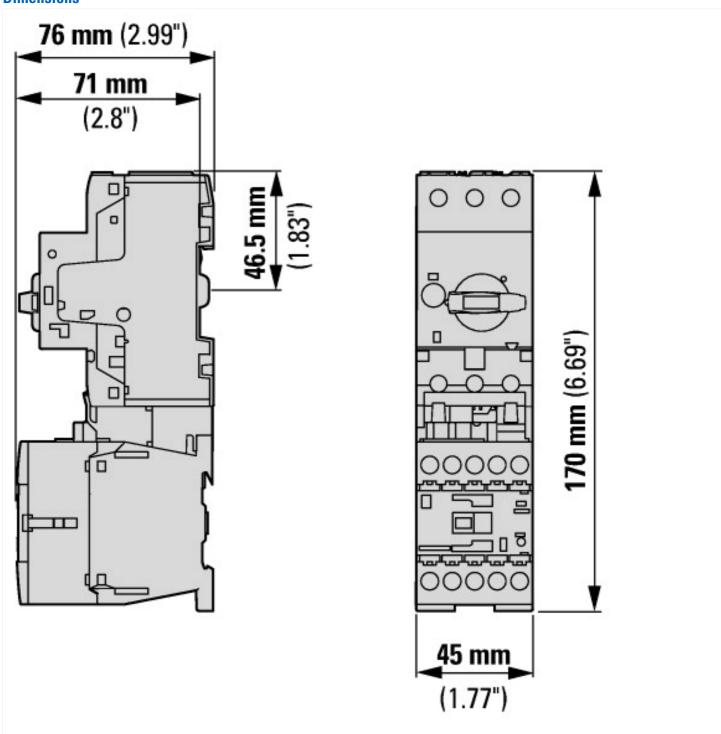
[(a_2) (a_3)		
Kind of motor starter		Direct starter
With short-circuit release		Yes
Rated control supply voltage Us at AC 50HZ	V	230 - 230
Rated control supply voltage Us at AC 60HZ	V	0 - 0
Rated control supply voltage Us at DC	V	0 - 0
Voltage type for actuating		AC
Rated operation power at AC-3, 230 V, 3-phase	kW	4
Rated operation power at AC-3, 400 V	kW	7.5
Rated power, 460 V, 60 Hz, 3-phase	kW	0
Rated power, 575 V, 60 Hz, 3-phase	kW	0
Rated operation current le	Α	15.2
Rated operation current at AC-3, 400 V	Α	15

Overload release current setting	Α	10 - 16
Rated conditional short-circuit current, type 1, 480 Y/277 V	Α	0
Rated conditional short-circuit current, type 1, 600 Y/347 V	Α	0
Rated conditional short-circuit current, type 2, 230 V	Α	0
Rated conditional short-circuit current, type 2, 400 V	Α	0
Number of auxiliary contacts as normally open contact		1
Number of auxiliary contacts as normally closed contact		0
Ambient temperature, , upper operating limit	°C	60
Temperature compensated overload protection		Yes
Release class		CLASS 10
Type of electrical connection of main circuit		Screw connection
Type of electrical connection for auxiliary- and control current circuit		Screw connection
Rail mounting possible		Yes
Degree of protection (IP)		IP20
Supporting protocol for TCP/IP		No
Supporting protocol for PROFIBUS		No
Supporting protocol for CAN		No
Supporting protocol for INTERBUS		No
Supporting protocol for ASI		No
Supporting protocol for MODBUS		No
Supporting protocol for Data-Highway		No
Supporting protocol for DeviceNet		No
Supporting protocol for SUCONET		No
Supporting protocol for LON		No
Supporting protocol for PROFINET IO		No
Supporting protocol for PROFINET CBA		No
Supporting protocol for SERCOS		No
Supporting protocol for Foundation Fieldbus		No
Supporting protocol for EtherNet/IP		No
Supporting protocol for AS-Interface Safety at Work		No
Supporting protocol for DeviceNet Safety		No
Supporting protocol for INTERBUS-Safety		No
Supporting protocol for PROFIsafe		No
Supporting protocol for SafetyBUS p		No
Supporting protocol for other bus systems		No

Approvals

Product Standards	UL60947-4-1A; CSA-C22.2 No. 14-10; IEC60947-4-1; CE marking
UL File No.	E123500
UL Category Control No.	NKJH
CSA File No.	12528
CSA Class No.	3211-04
North America Certification	UL listed, CSA certified
Specially designed for North America	No

Dimensions



Additional product information (links)

Madicional product informa	Additional product information (mixe)			
IL034030ZU Electrical connector for motor-protective circuit-breaker PKZ				
IL034030ZU Electrical connector for motor- protective circuit-breaker PKZ	ftp://ftp.moeller.net/D0CUMENTATION/AWA_INSTRUCTIONS/IL034030ZU2015_04.pdf			
Moeller_Online Selections Aids	http://www.moeller.net/en/support/slider/index.jsp			