

DOL starter on feeder system adapter, 3-pole, 0.55 kW/400 V/AC-3, 100 kA

Powering Business Worldwide

Part no. MSC-DM-1,6-M7(230V50HZ)/MSFA

Catalog No. 191118

Eaton Catalog No. XTSC1P6B007BMFNL-FS

Delivery program

Basic device MSC	benvery program			
Notes Motor ratings Motor rating Motor rating AC3 \$80 V 400 V 15 V P	Basic function			DOL starters (complete devices)
Notes Motor ratings Motor rating AC 3 380 V 400 V 415 V P kW 0.35 Reted operational current Le A 1.1 Setting range Sotting range of overload releases Le A 1-1.5 Coordination Contact sequence Actuating voltage	Basic device			MSC
Motor ratings Motor rating AC-3 \$880 V 400 V 415 V P				IE3 🗸
Motor rating AC-3 380 V 400 V 115 V Rated operational current Le A 11 1.5 Rated short-circuit current 380 - 415 V Setting range Setting range of overload raleases Le A 1-1.6 Non-dalayed Coordination Coordination Cortact sequence Actualting voltage Actualting voltage Actualting voltage Actualting voltage La A 230 V 50 Hz AC voltage AC voltage AC Voltage AC Voltage Actual ting voltage AC Voltage A				Also suitable for motors with efficiency class IE3. IE3-ready devices are identified by the logo on their packaging.
AC-3 380 V 400 V 415 V P NV 035 Rated operational current le A 1.1 1.5 Rated operational current 380 - 415 V Iq NA 100 Setting range of overload releases lr A 1-1.6 Non-delayed Coordination Contact sequence Actuating voltage Actuating voltage Actuating voltage ACVoltage P NW 035 0.55 AD 1-1.6 Type of coordination "1" Type of coordination "2" ACVoltage ACVoltage	Motor ratings			
Rated operational current Rated Sport attended to the circuit current 380 - 415 V	Motor rating			
Rated operational current Rated operational current 380 - 415 V Setting range Setting range of overload releases Ir A 1 - 1.6 Non-delayed Coordination Contact sequence Actuesing voltage Actuesing voltage 1 - 0.55 A 1.15 1.10	AC-3			
Rated short-circuit current 380 - 415 V Setting range Setting range of overload releases Lease A 1 - 1.5 Non-delayed Coordination Contact sequence Actuating voltage Actuating voltage 1,	380 V 400 V 415 V	P	kW	0.37 0.55
Setting range Setting range of overload releases Ir A 1-1.6 Non-delayed Coordination Contact sequence Actuating voltage Setting range of overload releases Ir A 1-1.6 1-	Rated operational current	l _e	Α	
Setting range of overload releases Image: A 24.8 Coordination Contact sequence Actuating voltage Image: A 24.8 Image: A	Rated short-circuit current 380 - 415 V	Iq	kA	100
Non-delayed Coordination Coordination Contact sequence Actuating voltage Imm A 24.8 Type of coordination "1" Type of coordination "2" Type of coordination "1" Type of co	Setting range			
Contact sequence Type of coordination "1" Type of coordination "2" Contact sequence Actuating voltage Type of coordination "1" Type of coordination "2" Type of coordination "2" Type of coordination "2" Type of coordination "1" Type of coordination "2" Type of coordination "1" Type of coordination "1" Type of coordination "2" Type	Setting range of overload releases	I _r	A	1 - 1.6
Type of coordination "2" Contact sequence Actuating voltage Type of coordination "2" Actual Sequence 230 V 50 Hz ACt Voltage	Non-delayed	I _{rm}	Α	24.8
Actuating voltage 230 V 50 Hz AC voltage	Coordination			Type of coordination "1" Type of coordination "2"
AC voltage	Contact sequence			
	Actuating voltage			
Motor-protective circuit-breakers PKZM0-1,6				AC voltage
Contactor DILM7-10()				

DOL starter wiring set

Technical data General

Standards			UL 508 (on request) CSA C 22.2 No. 14 (on request)
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	l _e	Α	1.6
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 $\ensuremath{\text{U}_{\text{C}}}$			
Dual-voltage coil 50 Hz	Sealing	W	1.4

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

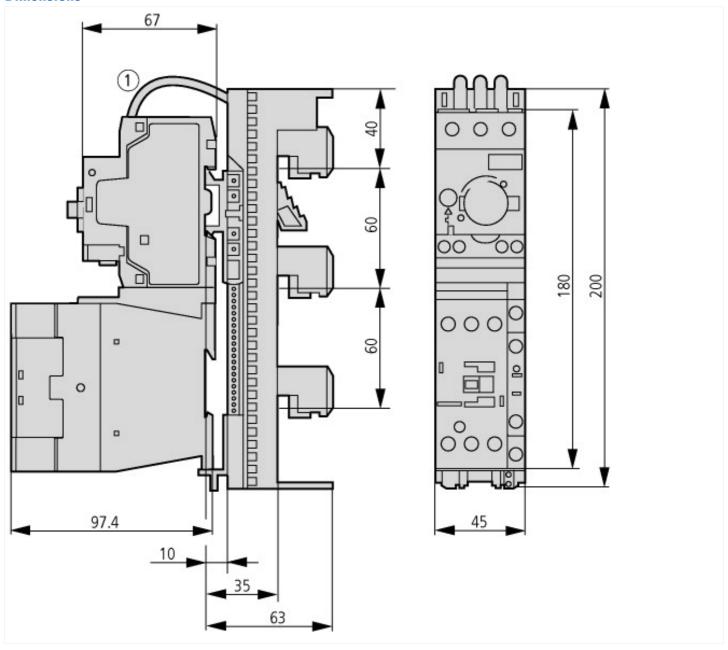
I are realtage indicated a company of	(EG000017) / Motor starter/Motor starter combination (EC001037)	
Low-voitage industrial components	(EGUUUU 17) / IVIOLOF SLAFLEF/IVIOLOF SLAFLEF COMDINALION (EGUU 1037)	

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])		
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
/oltage type for actuating		AC
Rated operation power at AC-3, 230 V, 3-phase	kW	0.25
Rated operation power at AC-3, 400 V	kW	0.55
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	1.5
ated operation current at AC-3, 400 V	Α	1.6
Overload release current setting	Α	1 - 1.6
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	50000
ated conditional short-circuit current, type 2, 400 V	Α	50000
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
emperature compensated overload protection		Yes
Release class		CLASS 10
Type of electrical connection of main circuit		Screw connection
ype 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

Dimensions



Additional product information (links)

IL034030ZU Electrical connector		
IL034030ZU Electrical connector	$ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL034030ZU2015_04.pdf$	
IL015082ZU Adapter		
IL015082ZU Adapter	$ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL015082ZU2017_05.pdf$	
Motor starters and "Special Purpose Ratings" for the North American market	http://www.moeller.net/binary/ver_techpapers/ver953en.pdf	
Busbar Component Adapters for modern Industrial control panels	http://www.moeller.net/binary/ver_techpapers/ver960en.pdf	