

DOL starter, 380 V 400 V 415 V: 7.5 kW, I_r= 10 - 16 A, 24 V DC, DC, Push in terminals

Part no. MSC-D-16-M15(24VDC)-PI
Catalog No. 199582
Alternate Catalog No. XTSCPI016B015BDNL


Delivery program

Basic function			DOL starters (complete devices)
Basic device			MSC
Notes			Not suitable for motors with efficiency class IE3.
Connection technique			Push in terminals
Connection to SmartWire-DT			no

Motor ratings

Motor rating			
AC-3			
380 V 400 V 415 V	P	kW	7.5
Rated operational current			
AC-3			
380 V 400 V 415 V	I _e	A	15.2
Rated short-circuit current 380 - 415 V	I _q	kA	50

Setting range

Setting range of overload releases	I _r	A	10 - 16
			
Coordination			Type of coordination "1"
Contact sequence			
Actuating voltage			24 V DC
			DC voltage

Motor-protective circuit-breakers PKZM0-16

Contactors DILM15-10(...)

DOL starter wiring set

Mechanical connection element and electrical electric contact module PKZM0-XDM12-PI

Notes

The DOL starter (complete device) consists of a PKZM0 motor protective circuit breaker and a DILM contactor.

With the adapter-less top-hat rail mounting of starters up to 15 A, only the motor protective circuit breaker on the top-hat rail requires an adapter. The contactors are provided with mechanical support via a mechanical connection element.

Control wire guide with max. 6 conductors up to 2.5^omm external diameter or 4 conductors up to 3.5^omm external diameter.

From 16 A, the motor protective circuit breaker and contactor are mounted on the top hat rail adapter plate.

The connection of the main circuit between PKZ and contactor is established with electrical contact modules.

When using the auxiliary contacts DILA-XHIT... (→ 101042) the plug-in electrical connector can be removed without the removal of the front mounting auxiliary contact.

Technical data

General

Standards			IEC/EN 60947-4-1, VDE 0660
Mounting position			
Altitude		m	Max. 2000
Ambient temperature			-25 - +55

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	A	15
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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
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Power consumption

DC operated	Sealing	W	2.6
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Design verification as per IEC/EN 61439

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

Dimensions

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Additional product information (links)

Motor starters and "Special Purpose Ratings" for the North American market	http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf
Busbar Component Adapters for modern Industrial control panels	http://www.moeller.net/binary/ver_techpapers/ver960en.pdf
Moeller_Online Selections Aids	http://www.moeller.net/en/support/slider/index.jsp