

## hybrid motor starter, 3-pole (36126)



The picture may show a similar product.

### Description

Part No.: **36126000A**

MOTUS<sup>®</sup> Panel

hybrid motor starter, 3-pole

direct and reversing starter 1.5 - 7.0 A / switch for resistive loads 1.5 - 9.0 A

with IO-Link interface

with CrossLink<sup>®</sup>Technology

**NEW**

### System

DIN rail

## Advantages of the product

4 functions integrated:

Right contactor

Left contactor

Motor protection relay

Installed width only 22.5mm

30 million electrical switching operations

**Product group** 21

**Subgroup** 03

**pack size** 1

**EAN** 4021267361266

**catalog page** 2020 : 6.1

**ECLASS 6.1** 27370804

**ECLASS 7.1** 27370804

**ETIM 4.0** EC001037

**ETIM 5.0** EC001037

## Approvals

### Standards

IEC 60947-1:2007 + A1:2010 + A2:2014

IEC 60947-4-2:2011

IEC 61508-1:2010

ISO 13849-1:2015

UL 60947-1

### Approvals

UL, EAC



for UL feeder circuits >250V

type number: 36131

EAC Type: MCC

UL file: E360470, UL category (for USA): NLDX <http://www.ul.com>  
UL file: E360470, UL category (for Canada): NLDX7 <http://www.ul.com>

## Technical data

### Details IEC

#### Standards

IEC 60947-1:2007 + A1:2010 + A2:2014

IEC 60947-4-2:2011

IEC 61508-1:2010

ISO 13849-1:2015

#### Electrical data IEC

Rated current (IEC): 9 A  
rated voltage (IEC) AC: 500 V  
min. operating voltage AC: 42 V

trigger characteristic: Class 10A

set nominal current: Yes  
min. load current: 1.5 A  
max. switching frequency: 2 Hz  
switching cycles: 30.000.000

rated frequency (IEC): 50 / 60 Hz

rated isolation voltage  $U_i$  AC: 550 V  
rated surge voltage  $U_{imp}$ : 6 kV

power dissipation of the article:  
The power dissipation at a typical load of 80 % results to 7.7 W.  
(The power dissipation at full load would be 12.0 W.)

### Details UL

#### Standards

UL 60947-1

for UL feeder circuits >250V

#### Electrical data UL

rated current (UL): 7.6 A  
rated voltage (UL) AC: 500 V  
min. operating voltage AC: 42 V  
rated frequency (UL): 50 / 60 Hz

SCCR unprotected max.: 5 kA  
3 cycles (without OPD) @ 600 V AC  
SCCR protected max.: 100 kA

SCCR: 100 kA with JDDZ fuse Class J 175 A / 600 V AC

#### Mechanical data

W x H x D: 22.5 x 185 x 149  
weight: 59.2 kg/100  
poles: 3-pole

degree of protection: IP20

vertical installation position: Yes  
horizontal installation position: No

permitted degree of pollution: 2

## Terminal points

screw clamp connection

screw drive:	0,8x4
wire stripping:	8 mm
min. cross-section:	0.2 mm <sup>2</sup>
max. cross-section:	2.5 mm <sup>2</sup>
Md min.:	0.5 Nm
Md max.:	0.6 Nm

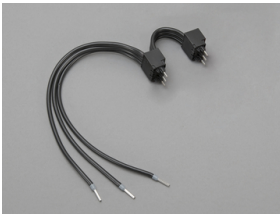
min. cross-section UL:	AWG 24
max. cross-section UL:	AWG14
torque (UL):	5,0 - 7,0 lb-in

Screw terminals (solid round, flexible, flexible with wire-end ferrule)

0.14 - 2.5mm<sup>2</sup> / 0.5 - 0.6Nm

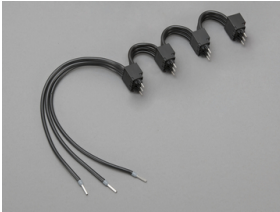
The cable outlet is provided with a pluggable terminal

## Accessories



### 36902000

spare part for MOTUS®  
connecting plug with cable connection, 2 units  
LAGERABVERKAUF



### 36904000

spare part for MOTUS®  
connecting plug with cable connection, 4 units



### 31568000

replacement fuse for MOTUS®  
fuse 20 A for version 9 A  
10x38 gR



### 31569000

replacement fuse for MOTUS®  
fuse 30 A for version 9 A for motors with heavy-duty starting  
Class CC



### 36112000B

spare part for MOTUS®Panel  
adapter for MOTUS®Panel