

hybrid motor starter, 3-pole (36128)



The picture may show a similar product.

Description

Part No.: **36128**000A

MOTUS[®] 60Classic

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

for busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars

with CrossLink[®]Technology

NEW

System

60Classic

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 09

pack size 1

EAN 4021267361280

catalog page 2020 : 3.16

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 400 A / 600 V AC

Mechanical data

W x H x D: 22.5 x 200 x 149
weight: 56.6 kg/100
poles: 3-pole
for busbars: 12, 15, 20, 25, 30 x 5, 10 and section busbars

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 ²
max. cross-section:	2.5 mm ²
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 - 2.5mm² / 0.5 - 0.6Nm

The cable outlet is provided with a pluggable terminal

Accessories



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



36114000B

EQUES® 60Classic
spare part busbar adapter 25 A
busbar adapter base