

hybrid motor starter, 3-pole (36103)





The picture may show a similar product.





Description

Part No.: **36103**000B

MOTUS® Panel

hybrid motor starter, 3-pole

direct and reversing starter 0.18 - 2.4 A / switch for resistive loads 0.18 - 2.4 A

für DIN Tragschiene

with CrossLink®Technology

System

DIN rail

Advantages of the product

4 functions integrated:

Right contactor

Left contactor

Motor protection relay

EMERGENCY STOP protection up to category 3

Installed width only 22.5mm

30 million electrical switching operations

Product group 21

Subgroup 03

pack size 1

EAN 4021267361037

catalog page 2020 : 6.1

ECLASS 6.1 27370804

ECLASS 7.1 27370804

ETIM 4.0 EC001037

ETIM 5.0 EC001037

Approvals

Standards

EN 60947-1:2015

EN 60947-4-2:2012

EN 61439-1:2012

EN 50581:2012

EN ISO 13849-1:2015

UL 60947-1

Approvals

UL , CCC , EAC , Atex



for UL feeder circuits >250V

type number: 36110.1

EAC Type: MCC

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

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

CCC certificate: 2019010304252617

Type-Examination Certificate: PTB13AT3001

Technical data

Details IEC

Standards

EN 60947-1:2015

EN 60947-4-2:2012

EN 61439-1:2012

EN 50581:2012

EN ISO 13849-1:2015

Electrical data IEC

Rated current (IEC): 2.4 A

rated voltage (IEC) AC: 500 V

min. operating voltage AC: 42 V

trigger characteristic: Class 10A

set nominal current: Yes

min. load current: 0.18 A

max. switching frequency: 2 Hz

switching cycles: 30.000.000

safety level: SIL3

reply contact: 1 CO

rated frequency (IEC): 50 / 60 Hz

rated isolation voltage U_i AC: 500 V

rated surge voltage U_{imp} : 6 kV

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 3.5 W.

(The power dissipation at full load would be 5.5 W.)

Details UL

Standards

UL 60947-1

for UL feeder circuits >250V

Electrical data UL

rated current (UL): 2 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: 58.5 kg/100
poles: 3-pole
Mounting: für DIN Tragschiene

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):	4,4 - 5,3 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



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



31567000

replacement fuse for MOTUS®

fuse 16 A for version 0.6 A and 2.4 A

10x38 gR



36112000B

spare part for MOTUS®Panel

adapter for MOTUS®Panel