wöhner

hybrid motor starter, 3-pole (36106)

The picture may show a similar product.

Description

Part No.: **36106**000B
MOTUS® Panel
hybrid motor starter, 3-pole
direct and reversing starter 1.5 - 6.5 A / switch for resistive loads 1.5 - 9.0 A
for mounting rail
with CrossLink®Technology

System
Panel

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 4021267361068

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 , Atex
for UL feeder circuits >250V

type number: 36111.1

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):	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:	1.2 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 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): 6.5 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
Mounting: for mounting rail

degree of protection: IP20

vertical installation position: Yes
horizontal installation position: No

permitted degree of polution: 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 - 2.5mm^2 / 0.5 - 0.6Nm
The cable outlet is provided with a pluggable terminal

https://pim.woehner.de/EN/EN/1000236994