

electronic switch, 3-pole or 1-pole switchable (36183)



The picture may show a similar product.

## Description

Part No.: **36183**000A

OMUS<sup>®</sup> C14 CrossBoard Connect Plus  
electronic switch, 3-pole or 1-pole switchable  
electronic unit switch for resistive loads 0.1 to 6.6 A  
with IO-Link interface, with display  
with CrossLink<sup>®</sup> interface

**NEW**

## System

CrossBoard<sup>®</sup>

Product group 21

Subgroup 45

pack size 1

EAN 4021267361839

ECLASS 6.1 27370804  
ECLASS 7.1 27370804  
ETIM 4.0 EC001037  
ETIM 5.0 EC001037

## Approvals

### Standards

IEC 60947-1:2007 + A1:2010  
IEC 60947-4-2:2011  
UL 60947-1

### Approvals

UL , EAC



for UL feeder circuits >250V

type number: MOTUS C14-6,6-C+  
EAC Type: MCC

UL file: E510845, UL category (for USA): NMFT <http://www.ul.com>  
UL file: E510845, UL category (for Canada): NMFT7 <http://www.ul.com>

## Technical data

### Details IEC

#### Standards

IEC 60947-1:2007 + A1:2010  
IEC 60947-4-2:2011

#### Electrical data IEC

Rated current (IEC): 6.6 A  
rated voltage (IEC) AC: 500 V  
min. operating voltage AC: 130 V

prosp. Kurzschlussstrom: 100 kA

set nominal current: Yes  
min. load current: 0.1 A  
max. switching frequency: 20 Hz  
switching cycles: 30.000.000

reply contact: 1 NO + 1 CO

rated frequency (IEC): 50 / 60 Hz

interface: IO-Link

rated isolation voltage  $U_i$  AC: 500 V  
rated surge voltage  $U_{imp}$ : 4 kV

power dissipation of the article:  
The power dissipation at a typical load of 80 % results to 12.8 W.  
(The power dissipation at full load would be 20.0 W.)

## Details UL

### Standards

UL 60947-1

for UL feeder circuits >250V

### Electrical data UL

rated current (UL): 6.6 A  
rated voltage (UL) AC: 480 V  
min. operating voltage AC: 130 V  
rated frequency (UL): 50 / 60 Hz

SCCR: 100 kA

### Mechanical data

W x H x D: 22.5 x 160 x 132  
weight: 51.4 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: AWG 12

torque (UL): 5 - 7 lb-in