

## hybrid switch, 3-pole or 1-pole switchable (36159)



The picture may show a similar product.

### Description

Part No.: **36159**000A

OMUS<sup>®</sup> CrossBoard

hybrid switch, 3-pole or 1-pole switchable

electronic unit switch for resistive loads 20.0 A, for applications UL

for resistive loads

with CrossLink<sup>®</sup> interface

### System

CrossBoard<sup>®</sup>

Product group 21

Subgroup 11

pack size 1

EAN 4021267361594

catalog page 2020 : 1.2, 2.3, 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 60947-4-3:2014  
UL 60947-1

### Approvals

IEC (CB) , UL , EAC



for UL feeder circuits >250V

type number: OM25-H  
EAC Type: OM

UL file: E483362, UL category (for USA): NRNT <https://www.ul.com>  
UL file: E483362, UL category (for Canada): NRNT7 <https://www.ul.com>

## Technical data

### Details IEC

#### Standards

IEC 60947-1:2007 + A1:2010 + A2:2014  
IEC 60947-4-3:2014

#### Electrical data IEC

Rated current (IEC): 20 A  
rated voltage (IEC) AC: 400 V  
min. operating voltage AC: 42 V

min. load current: 2 A  
max. switching frequency: 1 Hz

reply contact: 1 NO + 1 CO

rated frequency (IEC): 50 Hz

rated isolation voltage  $U_i$  AC: 500 V

rated surge voltage  $U_{imp}$ : 2.5 kV

cond. short-circuit current with fuses (AC): 30 kA / 400 V

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): 20 A

rated voltage (UL) AC: 480 V

min. operating voltage AC: 42 V

rated frequency (UL): 50 / 60 Hz

SCCR protected max.: 30 kA

with JDDZ fuse Class CC 30 A / 480 V AC

### Mechanical data

W x H x D: 36 x 160 x 130

weight: 55.2 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

min. cross-section: 1.5 mm<sup>2</sup>

max. cross-section: 6 mm<sup>2</sup>

Md min.: 0.5 Nm

Md max.: 0.8 Nm

min. cross-section UL: AWG 16

max. cross-section UL: AWG 8

torque (UL): 7 lb-in

## Accessories



### **31252000**

cylindr. fuse link 30 A

-Mersen-

600 V AC, time delay

Class CC

for control transformer applications



### **31080000A**

cylindr. fuse link 30 A

-Mersen-

600 V AC, time delay

Class CC

for motor load applications

**NEW**



### **31189000**

cylindr. fuse link 32 A

400 V, gG

10 x 38