

hybrid switch, 3-pole or 1-pole switchable (36158)



The picture may show a similar product.

Description

Part No.: **36158**000A

OMUS[®] 60Classic

hybrid switch, 3-pole or 1-pole switchable

switch for resistive loads 20.0 A, for applications UL

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

for resistive loads

with CrossLink[®]Technology

System

60Classic

Advantages of the product

Up to 25A continuous current, including power monitoring

3 phase switching or independent phase switching is possible

Built-in functions for energy supply, fuse protection and switching

More than 30 million operating cycles through hybrid technology

Product group 21
Subgroup 18

pack size 1
EAN 4021267361587

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 60947-4-3:2014
UL 60947-1

Approvals

IEC (CB) , UL , EAC



for UL feeder circuits >250V

type number: OM25-H-60
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 200 x 144

weight: 45.8 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

min. cross-section: 1.5 mm²

max. cross-section: 6 mm²

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

Reference

komplett mit Sammelschienenadapter, Last- und Steuerstecker

Accessories



36156000A

spare part busbar adapter 25 A

busbar adapter base

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



31189000

cylindr. fuse link 32 A

400 V, gG

10 x 38



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



36154000A

OMUS[®] CrossBoard

hybrid switch, 3-pole or 1-pole switchable

electronic unit switch for resistive loads 25.0 A, for applications IEC

for resistive loads