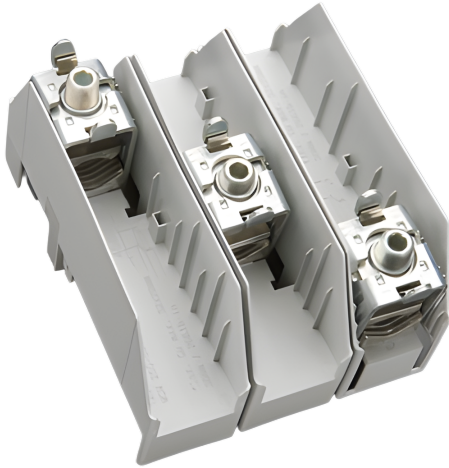


## connection set, 3-pole, without cover (01537)



The picture may show a similar product.

### Description

Part No.: **01537 000**

CRITO<sup>®</sup> 60Classic

connection set, 3-pole, without cover

95 - 300 mm<sup>2</sup>, AWG 3/0 - 600 MCM

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

### System

60Classic

Product group 07

Subgroup 51

pack size 1

EAN 4021267015374

ECLASS 6.1 27141146  
ECLASS 7.1 27141146  
ETIM 4.0 EC000001  
ETIM 5.0 EC000001  
ETIM 8.0 EC000001

## Approvals

### Standards

IEC 61439-1:2020  
IEC 60999-1:1999  
IEC 60999-2:2003  
UL 508

### Approvals

CSA , UL , DNV GL



for UL feeder circuits >250V

type number: M300-L

UL file: E123577, UL category (for USA): NMTR <https://www.ul.com>  
UL file: E123577, UL category (for Canada): NMTR7 <https://www.ul.com>  
CSA file: 110285, CSA class: 3211-37 <https://directories.csa-international.org>  
CCC approval: no certification required

## Technical data

### Details IEC

#### Standards

IEC 61439-1:2020  
IEC 60999-1:1999  
IEC 60999-2:2003

#### Electrical data IEC

rated current (IEC): 500 A  
rated voltage (IEC) AC: 690 V

rated peak withstand current  $I_{pk}$  max.: 67.2 kA

### Supplementary data IEC

The following values have been verified with tests under certain conditions. Please ask Wöhner for this conditions before designing your panel.

max. permitted voltage (IEC) AC: 1000 V

max. permitted voltage (IEC) DC: 1500 V

current capacity (IEC) max.: 560 A

min. permitted operation temperature -40

### Details UL

#### Standards

UL 508

for UL feeder circuits >250V

suitable for field-installed conductors

### Electrical data UL

rated current (UL): 420 A

rated voltage (UL) AC: 600 V

rated frequency (UL): 50 / 60 Hz

for wires UL: Cu 75°C

SCCR unprotected max.: 25 kA

3 cycles (without OPD) @ 600 V AC

SCCR protected max.: 200 kA

SCCR: 100 kA with JDDZ fuse Class L 1200 A / 600 V AC

200 kA with JDDZ fuse Class L 800 A / 600 V AC

200 kA with fuse JDDZ Class J 600 A / 600 V AC

35 kA with any DIVQ/7 circuit breaker 400 A / 600 V AC

65 kA with any DIVQ/7 circuit breaker 400 A / 480 V AC

## Mechanical data

W x H x D: 153 x 184 x 115  
weight: 155.5 kg/100  
poles: 3-pole  
for busbars: 20, 25, 30 x 5, 10 and section busbars

## Terminal points

screw clamp connection

screw drive:	S8
wire stripping:	38 mm
min. cross-section:	95 mm <sup>2</sup>
max. cross-section:	300 mm <sup>2</sup>
rm:	95 - 300 mm <sup>2</sup>
f:	95 - 300 mm <sup>2</sup>
ff:	240 - 300 mm <sup>2</sup>
sm:	95 - 300 mm <sup>2</sup>
Md min.:	24.0 Nm
Md max.:	36.0 Nm

Suitable for aluminium cables.

When using aluminium cables, observe the maintenance instructions.

torque Alu:	Alu: Md 30 - 36 Nm
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min. cross-section UL:	AWG 3/0
max. cross-section UL:	MCM 600
torque (UL):	266 lb-in
for wires UL:	Cu 75°C

## Material properties

halogen-free: No

## Application notes

Suitable for aluminium cables.

When using aluminium cables, observe the maintenance instructions.

The insulation performance of the article depends on the installation conditions.

for UL feeder circuits >250V

# Accessories

## covers



### **01539 000**

cover cap, 3-pole

180 mm wide

180 x 200 x 90

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



### **01540 000**

cover cap, 3-pole

250 mm wide

250 x 200 x 90

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



### **01554 000**

compartment section, for 3-pole systems

front mounted, 1.10 m long, for holder 01136

3 x 190 x 1100



### **01555 000**

cover section

top / bottom, 1.10 m long, for holders 01136 or 01137

3 x 109 x 1100



### **01136 000**

set of holders for cover sections

for 3-pole busbar systems

set consisting of left and right holder, for covers 01554, 01555 and 01417

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



### **01417 000**

cover section

top / bottom, slotted, 1.10 m long, for holders 01136 or 01137

3 x 118 x 1100

<https://pim.woehner.de/EN/EN/1000046339>