wöhner

connection terminal plate, 3-pole (01243000)



The picture may show a similar product.

Description

Part No.: **01243** 000
CRITO 60Classic
connection terminal plate, 3-pole
10 - 120 mm², AWG 6 - 250 MCM, lam. Cu.
for busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars

System
60Classic

Advantages of the product
Terminals can be removed for connection of uncut conductors

Product group 07
Subgroup 45

pack size 1
EAN 4021267012434

Changes in the interest of developments and technical progress are reserved.
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ECLASS 14.0	27250116
ETIM 5.0	EC000001
ETIM 8.0	EC000001
ETIM 10.0	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: 243-L
EAC Type: TE-3P

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):	250 A
rated voltage (IEC) AC:	690 V

rated surge voltage U_{imp} : 6 kV

rated peak withstand current I_{pk} max.:	56.3 kA
rated short-time withstand current I_{cw} (0.1 s) max.:	22 kA

power dissipation of the article:
The power dissipation at a typical load of 80 % results to 3.8 W.
(The power dissipation at full load would be 6.0 W.)

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. of the terminal:	440 A

Details UL

Standards

UL 508

for UL feeder circuits >250V
suitable for field-installed conductors

Electrical data UL

rated current (UL):	250 A
rated voltage (UL) AC:	600 V
rated frequency (UL):	50 / 60 Hz
for wires UL:	Cu 75°C

SCCR unprotected max.:	10 kA 3 cycles (without OPD) @ 600 V AC
SCCR protected max.:	100 kA

SCCR: 35 kA with any DIVQ/7 circuit breaker 600 A / 600 V AC
100 kA with JDDZ fuse Class J 600 A / 480 V AC
100 kA with JDDZ fuse Class J 500 A / 600 V AC
65 kA with any DIVQ/7 circuit breaker 400 A / 480 V AC
50 kA with any DIVQ/7 circuit breaker 600 A / 480 V AC

Mechanical data

W x H x D: 81 x 200 x 84
weight: 53.5 kg/100
poles: 3-pole
for busbars: 12, 15, 20, 25, 30 x 5, 10 and section busbars

Terminal points

cage clamp connection

screw drive:	S4
wire stripping:	25 mm
min. cross-section:	10 mm²
max. cross-section:	150 mm²
re:	10 - 10 mm²
rm:	16 - 150 mm²
f:	16 - 120 mm²
f + AE:	10 - 120 mm²

(f + AE may not fit with max. cross-section)

Md min.:	12.0 Nm
Md max.:	12.5 Nm

Not suitable for aluminium cables !

Terminal space:	15 x 17
lam. Cu width:	12 - 15.5 mm
lam. Cu thickness:	4 - 10 mm
number of lam. Cu:	1

min. cross-section UL:	AWG 8
max. cross-section UL:	MCM 250
torque (UL):	106 lb-in
for wires UL:	Cu 75°C

Material properties

halogen-free: Yes

Application notes

Not suitable for aluminium cables !
The insulation performance of the article depends on the installation conditions.
for UL feeder circuits >250V
considering the permitted temperature rise at the concrete installation conditions a capacity of 400 A is accepted by UL

Accessories

covers



01301 000
single cover for terminals
for terminal plate 01243

spare parts

☐

01412 000
spare part cover cap

https://pim.woehner.de/EN/EN/1000046292