

Feed-through terminal block - RTO 8-TC - 3050002

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Feed-through terminal block with bolt connection technology and transparent safety contact hood, cross section: 2.5 – 35 mm², AWG: 14 - 2, width 20.2 mm, color: gray

Product Features

- ✓ Four bridge shafts per terminal block
- ✓ Terminal point always freely accessible

Key commercial data

package_quantity	25
GTIN	4046356431415

Technical data

General

Note	Note: the BE-RT... path extension is to be used for non-insulated cable lugs (see accessories).
Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	125 A (with 35 mm ² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Nominal current I _N	125 A
Nominal voltage U _N	1000 V
Open side panel	ja
Number of positions	1

Dimensions

Width	20.2 mm
Length	84 mm
Height	63.20 mm

Feed-through terminal block - RTO 8-TC - 3050002

Technical data

Dimensions

Height NS 35/7,5	63.8 mm
Height NS 35/15	71.3 mm

Connection data

Note	Connection bolts
Conductor cross section solid min.	2.5 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section AWG/kcmil min.	14
Conductor cross section AWG/kcmil max	2
Conductor cross section stranded min.	2.5 mm ²
Conductor cross section stranded max.	35 mm ²
Min. AWG conductor cross section, stranded	14
Max. AWG conductor cross section, stranded	2
Min. cross section for cable lug connection	2.5 mm ²
Max. cross section for cable lug connection	35 mm ²
Connection method	Bolt connection
Screw thread	M8
Tightening torque, min	6 Nm
Tightening torque max	10 Nm

classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Feed-through terminal block - RTO 8-TC - 3050002

approvals

ABS /

Approval details

ABS

accessories

End cover

D-RT 8 - 3049194



BE-RT 8 - 3049916



Partition plate

TPN-UK - 3003062



Socket spanner

SHN 13 - 1209923



Feed-through terminal block - RTO 8-TC - 3050002

accessories

Bridge

FBS 2-10 - 3005947



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



Feed-through terminal block - RTO 8-TC - 3050002

accessories

NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



Feed-through terminal block - RTO 8-TC - 3050002

accessories

NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



Feed-through terminal block - RTO 8-TC - 3050002

accessories

NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



NS 35/15-2,3 UNPERF 2000MM - 1201798



Terminal marking

ZB 16,3:UNPRINTED - 0820222



Feed-through terminal block - RTO 8-TC - 3050002

accessories

ZB 20,3:UNPRINTED - 0820248



Labeled terminal marker

ZB 16,3 CUS - 0824946



ZB 20,3 CUS - 0824948



End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



Feed-through terminal block - RTO 8-TC - 3050002

accessories

E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



Drawings

Circuit diagram



© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>