

Feed-through terminal block - QTC 2,5-TWIN - 3206445

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Feed-through terminal block, Connection method: Quick connection, Cross section: 0.5 mm² - 2.5 mm², AWG: 20 - 14, Width: 6.2 mm, Height: 37.8 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/7,5

Product Features

- Compact design
- Tested for railway applications



Key commercial data

package_quantity	50
GTIN	4046356057639

Technical data

General

Note	The max. load current must not be exceeded by the total current of all connected conductors.
Number of levels	1
Number of connections	3
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
Area of application	Mechanical engineering
Area of application	Plant engineering
Area of application	Process industry

General

Maximum load current	24 A (with 2.5 mm ² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1

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Technical data

General

Nominal current I_N	24 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U_N	800 V
Open side panel	ja

Dimensions

Width	6.2 mm
Length	82.5 mm
Height	37.8 mm
Height NS 35/7,5	39.3 mm
Height NS 35/15	46.8 mm

Connection data

Connection in acc. with standard	IEC 60947-7-1
Connection method	Quick connection
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	14
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	2.5 mm ²
Min. AWG conductor cross section, stranded	20
Max. AWG conductor cross section, stranded	14
Material wire insulation	PVC / PE
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 Cl.1-5
Max. wire diameter incl. insulation	3.8 mm

classifications

eCl@ss

eCl@ss 4.0	27141130
eCl@ss 4.1	27141130
eCl@ss 5.0	27141130
eCl@ss 5.1	27141130
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

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classifications

UNSPSC


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


approvals


IECEX / ATEX / CSA / UL Recognized / cUL Recognized / GOST / GL / BV / DNV / ABS / NK / GOST / cULus Recognized /

Approval details

IECEX	
Nominal voltage UN	550 V
Nominal current IN	22.5 A
mm ² /AWG/kcmil	0.5-2.5

ATEX 	
Nominal voltage UN	550 V
Nominal current IN	22.5 A
mm ² /AWG/kcmil	0.5-2.5

CSA 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	15 A	15 A
mm ² /AWG/kcmil	20-14	20-14

UL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	15 A	15 A
mm ² /AWG/kcmil	20-14	20-14

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approvals

cUL Recognized		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	15 A	15 A
mm ² /AWG/kcmil	20-14	20-14

GOST

GL

BV

DNV

ABS

NK

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cULus Recognized

accessories

End cover

D-QTC 2,5-TWIN - 3206571



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accessories

DS-QTC 2,5 - 3206607



DP PS-6 - 3036738



Partition plate

ATP-QTC TWIN - 3206212



Screwdriver tools

SZF 1-0,6X3,5 - 1204517



Documentation

QTC-IL - 3039926



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accessories

Bridge

FBS 2-6 - 3030336



FBS 3-6 - 3030242



FBS 4-6 - 3030255



FBS 5-6 - 3030349



FBS 10-6 - 3030271



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accessories

FBS 20-6 - 3030365



FBS 50-6 - 3032224



FBSR 2-5 - 3033702



FBSR 3-5 - 3001591



FBSR 4-5 - 3001592



FBSR 5-5 - 3001593



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accessories

FBSR 10-5 - 3033710



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



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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



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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



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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 6:UNBEDRUCKT - 1051003



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accessories

UC-TM 6 - 0818085



UCT-TM 6 - 0828736



ZBF 6:UNBEDRUCKT - 0808710



UC-TMF 6 - 0818140



UCT-TMF 6 - 0828746



Labeled terminal marker

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accessories

ZB 6 CUS - 0824992



ZB 6,LGS:FORTL.ZAHLEN - 1051016



ZB 6,QR:FORTL.ZAHLEN - 1051029



ZB 6,LGS:GLEICHE ZAHLEN - 1051032



ZB 6,LGS:L1-N,PE - 1051414



ZB 6,LGS:U-N - 1051430



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accessories

UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



ZBF 6 CUS - 0825027



UC-TMF 6 CUS - 0824646



UCT-TMF 6 CUS - 0829665



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accessories

ZBF 6,LGS:FORTL.ZAHLEN - 0808749



ZBF 6,QR:FORTL.ZAHLEN - 0808765



ZBF 6,LGS:GERADE ZAHLEN - 0810834



ZBF 6,LGS:UNGERADE ZAHLEN - 0810876



Test plug terminal block

PAI-4-FIX-5/6 BU - 3035975



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accessories

PAI-4-FIX-5/6 OG - 3035974



PAI-4-FIX-5/6 YE - 3035977



PAI-4-FIX-5/6 RD - 3035976



PAI-4-FIX-5/6 GN - 3035978



PAI-4-FIX-5/6 BK - 3035980



PAI-4-FIX-5/6 GY - 3035982



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accessories

PAI-4-FIX-5/6 VT - 3035979



PAI-4-FIX-5/6 BN - 3035981



PS-6 - 3030996



PS-6/2,3MM RD - 3038736



End block

CLIPFIX 35 - 3022218



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accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



Front adapter

VIP-PA-PWR/20XOE/ 1,0M/S7 - 2904724



VIP-PA-PWR/20XOE/ 2,0M/S7 - 2904725



VIP-PA-PWR/20XOE/ 3,0M/S7 - 2904726



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accessories

VIP-PA-PWR/20XOE/10,0M/S7 - 2904730



VIP-PA-PWR/40XOE/ 1,0M/S7 - 2904731



VIP-PA-PWR/40XOE/ 2,0M/S7 - 2904732



VIP-PA-PWR/40XOE/ 3,0M/S7 - 2904733



VIP-PA-PWR/40XOE/10,0M/S7 - 2904737



Drawings

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Circuit diagram



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