

Feed-through terminal block - UK 5 - 3004016

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 10, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15, NS 32

Product Features



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 090562
Weight per Piece (excluding packing)	9.92 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Nominal current I _N	32 A
Nominal voltage U _N	800 V
Open side panel	ja
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11

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Technical data

General

Back of the hand protection	guaranteed
Finger protection	guaranteed
Surge voltage test setpoint	9.8 kV
Result of surge voltage test	Test passed
Checking the mechanical stability of terminal points (5 x conductor connection)	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0.2 mm ² / 0.2 kg
	1.5 mm ² / 0.4 kg
	4 mm ² / 0.9 kg
Result of bending test	Test passed
Conductor cross section tensile test	0.2 mm ²
Tractive force setpoint	20 N
Conductor cross section tensile test	1.5 mm ²
Tractive force setpoint	80 N
Conductor cross section tensile test	4 mm ²
Tractive force setpoint	120 N
Tensile test result	Test passed
Tight fit on carrier	NS 32/NS 35
Setpoint	1 N
Result of tight fit test	Test passed
Requirements, voltage drop	$U_1 \leq 3.2 \text{ mV}; U_2 \leq 1.5 \times U_1$
Result of voltage drop test	Test passed
Temperature-rise test	Test passed

Dimensions

Width	6.2 mm
Length	42.5 mm
Height NS 35/7,5	47 mm
Height NS 35/15	54.5 mm
Height NS 32	52 mm

Connection data

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10

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Technical data

Connection data

Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
Stripping length	8 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 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
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Classifications

ETIM

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

Approvals

Approvals

Approvals


CSA / UL Recognized / cUL Recognized / GL / BV / DNV / RS / KR / NK / EAC / cULus Recognized

Ex Approvals

Approvals submitted


BV


Approval details

CSA 	
mm ² /AWG/kcmil	28-10
Nominal current I _N	40 A
Nominal voltage U _N	600 V

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Approvals

UL Recognized 	
mm ² /AWG/kcmil	26-10
Nominal current I _N	30 A
Nominal voltage U _N	600 V

cUL Recognized 	
mm ² /AWG/kcmil	26-10
Nominal current I _N	30 A
Nominal voltage U _N	600 V

GL

BV

DNV

RS

KR

NK

EAC

cULus Recognized  <small>US</small>	
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