UKK 4-FS - Feed-through terminal block

2770561

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Feed-through terminal block, nom. voltage: 400 V, nominal current: 20 A, 1st and 2nd level connection left, connection method: Screw connection, Rated cross section: 4 mm^2, cross section: 0.2 mm^2 - 4 mm^2, connection method: Spade connection, mounting: NS 35/7,5, NS 35/15, NS 32, color: gray

Commercial data

Item number	2770561
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE05
Product key	BE511X
GTIN	4017918067977
Weight per piece (including packing)	14.706 g
Weight per piece (excluding packing)	14.706 g
Customs tariff number	85369010
Country of origin	PL

Technical data

Product properties

Product type	Feed-through terminal block
Product family	UK
Number of connections	6
Number of rows	2
Potentials	2

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W

Connection data

Number of connections per level	3
Nominal cross section	4 mm²

1st and 2nd level connection left

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	8 mm
Internal cylindrical gage	A4
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm² ... 4 mm²
Conductor cross-section, flexible [AWG]	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² ... 4 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm² ... 2.5 mm²
Cross-section with insertion bridge, rigid	4 mm²
Cross-section with insertion bridge, flexible	2.5 mm²
2 conductors with same cross section, rigid	0.2 mm² ... 1 mm²
2 conductors with same cross section, flexible	0.2 mm² ... 1.5 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm² ... 1.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² ... 1.5 mm²
Nominal cross section	4 mm²
Nominal current	20 A
Maximum load current	20 A (with 4 mm² conductor cross-section)
Nominal voltage	400 V

Connection method	Spade connection

Dimensions

Width	6.2 mm
End cover width	1.5 mm
Height	72 mm
Depth on NS 32	64 mm
Depth on NS 35/7,5	59 mm
Depth on NS 35/15	66.5 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	Yes

Environmental and real-life conditions

Ambient conditions

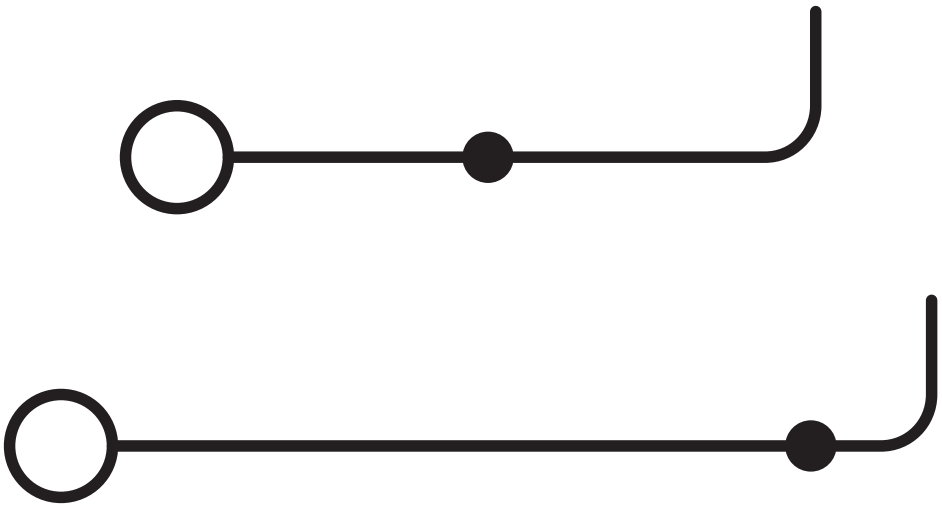
Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Mounting

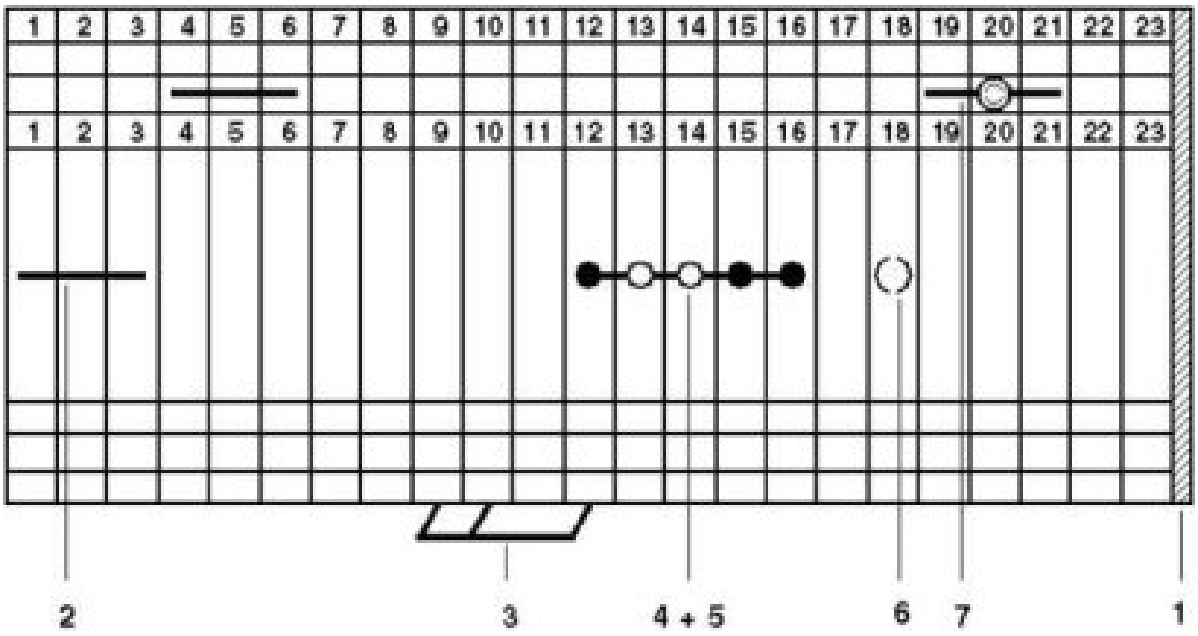
Mounting type	NS 35/7,5
	NS 35/15
	NS 32

Drawings

Circuit diagram



Circuit diagram



1 = Cover
2 = Fixed bridge
3 = Insertion bridge
4 = Isolator bridge bar
5 = Isolator bridge
6 = Test socket, for test pick-off with MPS test plug or RPS reducing plug
7 = Test socket, insulated, can only be used above FBI, KB, ISSBI

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2770561

EAC
Approval ID: RU C-DE.BL08.B.00541

cULus Recognized
Approval ID: E60425

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	300 V	20 A	30 - 10	-
C				
	300 V	20 A	30 - 10	-

Classifications

ECLASS

ECLASS-13.0	27250101
ECLASS-15.0	27250101

ETIM

ETIM 10.0	EC000897

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	a3385588-54f3-4653-9fac-a462d8e36423

EF3.1 Climate Change

CO2e kg	0.079 kg CO2e

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