USK 4-FS/FS(8-2,8-0,8) - Feed-through terminal block

0271017

https://www.phoenixcontact.com/us/products/0271017

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Feed-through terminal block, nom. voltage: 800 V, nominal current: 32 A, number of connections: 8, connection method: Spade connection, 1 level, Rated cross section: 4 mm^2, cross section: 0.5 mm^2 - 6 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

Commercial data

Item number	0271017
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE05
Product key	BE511X
Catalog page	Page 537 (C-1-2019)
GTIN	4017918000127
Weight per piece (including packing)	6.144 g
Weight per piece (excluding packing)	6.125 g
Customs tariff number	85369010
Country of origin	PL

Technical data

Product properties

Product type	Feed-through terminal block
Number of connections	8
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	1.02 W

Connection data

Number of connections per level	8
Nominal cross section	4 mm²

1 level

Screw thread	M3
Spade connection	6.3/2.8 x 0.8 mm
Conductor cross section rigid	0.5 mm² ... 6 mm²
Cross section AWG	20 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.5 mm² ... 6 mm²
Conductor cross section, flexible [AWG]	20 ... 10 (converted acc. to IEC)
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm² ... 6 mm²
Nominal current	32 A (current data for slip-on connections in acc. with EN 61210 are also dependent on nominal size, material, insulation of the sleeve and conductor cross section.)
Maximum load current	32 A (current data for slip-on connections in acc. with EN 61210 are also dependent on nominal size, material, insulation of the sleeve and conductor cross section.)
Nominal voltage	800 V (voltage data for slip-on connections in acc. with EN 61210 are also dependent on nominal size, material, insulation of the sleeve and conductor cross section.)
Nominal cross section	4 mm²

Dimensions

Width	6.2 mm
End cover width	1.3 mm
Height	42.5 mm
Depth on NS 32	50.5 mm
Depth on NS 35/7,5	45.5 mm
Depth on NS 35/15	53 mm

Material specifications

Color	gray
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 (storage/transport)	-25 °C ... 55 °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

Classifications

ECLASS

ECLASS-11.0	27141120
ECLASS-13.0	27250101

ETIM

ETIM 9.0	EC000897

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com