

TB 4-PE/3L I - Motor connection terminal block



3246833

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Motor connection terminal block, upper level bridgeable, lower level with PE foot, nom. voltage: 400 V, nominal current: 25 A, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.5 mm² - 6 mm², mounting type: NS 35/7,5, NS 35/15, NS 32, color: dark gray

Commercial data

Item number	3246833
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BEK225
Product key	BEK225
GTIN	4046356689687
Weight per piece (including packing)	42.494 g
Weight per piece (excluding packing)	42.494 g
Customs tariff number	85369010
Country of origin	PL

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Technical data

Product properties

Product type	Motor terminal block
Product family	TB
Number of positions	3
Number of connections	3
Number of rows	3

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	1.31 W

Connection data

Number of connections per level	2
Nominal cross section	4 mm ²
Rated cross section AWG	10
Connection method	Screw connection
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	0.5 ... 0.6 Nm
Stripping length	8 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-1/IEC 60947-7-2
Conductor cross-section rigid	0.5 mm ² ... 6 mm ²
Cross section AWG	20 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.5 mm ² ... 4 mm ²
Conductor cross-section, flexible [AWG]	20 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm ² ... 4 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm ² ... 4 mm ²
Nominal current	25 A
Maximum load current	25 A (with 4 mm ² conductor cross-section)
Nominal voltage	400 V
Nominal cross section	4 mm ²

Dimensions

Width	6.2 mm
Height	103.5 mm
Depth on NS 32	91.5 mm
Depth on NS 35/7,5	86.5 mm
Depth on NS 35/15	94 mm

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Material specifications

Color	traffic grey B (RAL 7043)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see 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 (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-1/IEC 60947-7-2
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Mounting

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

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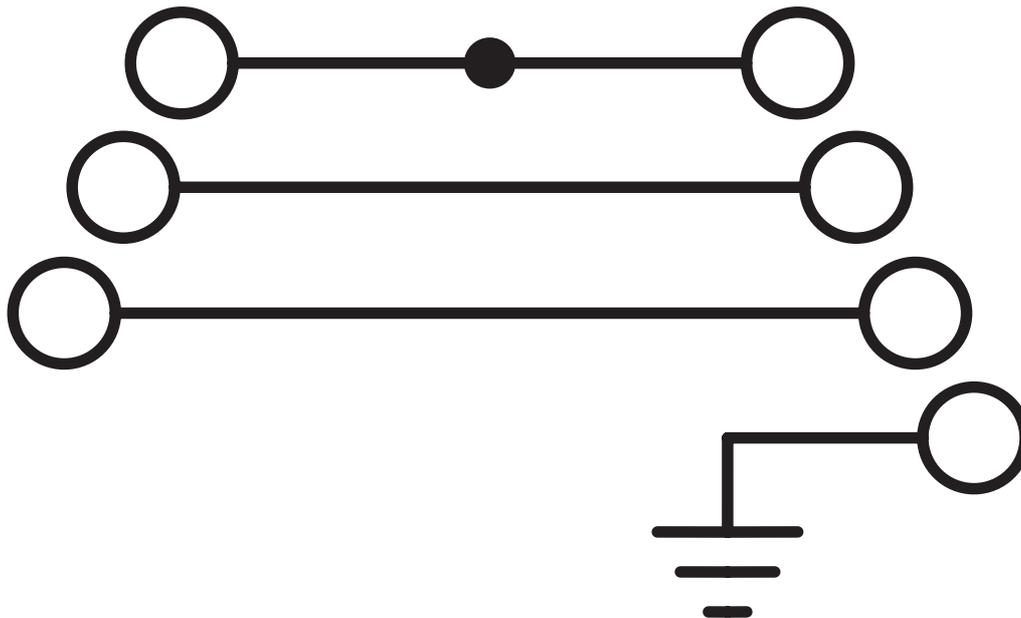


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Drawings

Circuit diagram



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Approvals

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EAC

Approval ID: KZ7500651131219505



cULus Recognized

Approval ID: E60425

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
D				
	-	-	20 - 10	-

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Classifications

ECLASS

ECLASS-13.0	27250301
ECLASS-15.0	27250301

ETIM

ETIM 9.0	EC000886
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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