UK 3D-MSTBV-5,08-F - Double-level flange terminal block

3002652

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Double-level flange terminal block, for MSTB flange plug screw connection, nom. voltage: 250 V, nominal current: 24 A, number of connections: 3, number of positions: 1, 1 level, cross section: 0.2 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, NS 32, color: gray

Commercial data

Item number	3002652
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE12
Product key	BE1241
GTIN	4017918117511
Weight per piece (including packing)	5.923 g
Weight per piece (excluding packing)	5.82 g
Customs tariff number	85369010
Country of origin	PL

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Technical data

Product properties

Product type	Feed-through terminal block
Product family	UK 3D-MSTBV
Number of positions	1
Pitch	5.08 mm
Number of connections	3
Number of rows	2
Potentials	1

Insulation characteristics

Overvoltage category	III

Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	0 W

Connection data

Number of connections per level	3

1 level

Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Stripping length	8 mm
Connection in acc. with standard	IEC / EN
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 ... 2.5 mm²
Conductor cross-section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² ... 2.5 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm² ... 1.5 mm²
2 conductors with same cross section, rigid	0.2 mm² ... 1.5 mm²
2 conductors with same cross section, flexible	0.2 mm² ... 1 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm² ... 0.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² ... 1 mm²
Nominal current	24 A (terminal current - MSTB connection: 12 A)
Maximum load current	12 A (with 4 mm² conductor cross-section)
Nominal voltage	250 V

Dimensions

Width	5.1 mm
End cover width	2 mm

Pitch	5.08 mm

Material specifications

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

Mechanical properties

Mechanical data

Open side panel	Yes

Environmental and real-life conditions

Ambient conditions

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 %

Standards and regulations

Connection in acc. with standard	IEC / EN

Mounting

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

Classifications

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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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