

3244711

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Device terminal block, nom. voltage: 800 V, nominal current: 57 A, number of connections: 10, number of positions: 5, connection method: Screw connection, Rated cross section: 10 mm², cross section: 0.5 mm² - 16 mm², mounting type: direct screw connection, color: gray

Your advantages

Touch-proof shock protection

Commercial data

Item number	3244711
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	****
Product key	BE1265
GTIN	4046356641326
Weight per piece (including packing)	88.86 g
Weight per piece (excluding packing)	88.86 g
Customs tariff number	85369010
Country of origin	TR



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Technical data

Rated surge voltage8 kVMaximum power dissipation for nominal condition1.82 W	Product properties	
Number of connections10Number of rows1Potentials5Insulation characteristics11Overvoltage categoryIIIDegree of pollution3Etertrical properties8 kVRated surge voltage8 kVMaximum power dissipation for nominal condition1.82 WOvervoltage category10Nominal cross section10 mm²Stripping length12 mmInternal cylindrical gageA3Connection in acc. with standardIEC 60947.7-1Conductor cross section rigid0.5 mm²16 mm²Cross section fixelible (AWG)20 6 (converted acc. to IEC)Conductor cross section fixelible (AWG)20 8 (converted acc. to IEC)Conductor cross section fixelible (AWG)20 8 (converted acc. to IEC)Conductor cross section fixelible (ferule without plastic sleeve)0.5 mm² 16 mm²Nominal current57 AMaximum load current57 AMaximum load current57 AMaximum load current57 ANominal current57 A	Product type	Feed-through terminal block
Number of rows1Potentials5Insulation characteristicsIIIOvervoltage categoryIIIDegree of pollution3Electrical properties8 kVRated surge voltage8 kVMaximum power dissipation for nominal condition1.82 WConnection data10Nominal cross section10 mm²Screw threadM4Tightening torque1.5 1.8 NmStripping length12 mmInternal cylindrical gageA3Connection in acc. with standardIEC 60947-7-1Conductor cross section rigid0.5 mm² 16 mm²Cross section rigid0.5 mm² 10 mm²Conductor cross section rigid0.5 mm² 10 mm²Fox section flexible0.5 mm² 16 mm²Fox section flexible0.5 mm² 16 mm²Conductor cross section flexible0.5 mm² 16 mm²Conductor cross section flexible0.5 mm² 16 mm²Muximum load current67 AMaximum load current76 A (with 16 mm² conductor cross section)Nominal current76 A (with 16 mm² conductor cross section)	Number of positions	5
Potentials 5 Insulation characteristics III Overvoltage category III Degree of pollution 3 Exerctical properties Secondary Rated surge voltage 8 kV Maximum power dissipation for nominal condition 1.82 W Connection data 10 Number of connections per level 10 Nominal cross section 10 mm ² Screw thread M4 Tightening torque 1.5 1.8 Nm Stripping length 12 mm Internal cylindrical gage A3 Connection in acc. with standard IEC 60947-7-1 Conductor cross section figid 0.5 mm ² 16 mm ² Conductor cross section figid 0.5 mm ² 16 mm ² Conductor cross section fiexible (MVG) 20 8 (converted acc. to IEC) Conductor cross section fiexible (Krule without plastic sleeve) 0.5 mm ² 16 mm ² Conductor cross section fiexible (Krule with plastic sleeve) 0.5 mm ² 16 mm ² Conductor cross section fiexible (Krule with plastic sleeve) 0.5 mm ² 16 mm ² Conductor cross section fiexible (Krule with plastic sleeve) 0.5 mm ² 16 mm ²	Number of connections	10
Insulation characteristics Overvoltage category III Degree of pollution 3 Etertrical properties 8 kV Rated surge voltage 8 kV Maximum power dissipation for nominal condition 1.82 W Connection data 10 Number of connections per level 10 Nominal cross section 10 mm ² Screw thread M4 Tightening torque 1.5 1.8 Nm Stripping length 12 mm Internal cylindrical gage A3 Connection in acc. with standard IEC 60947-7-1 Conductor cross section rigid 0.5 mm ² 16 mm ² Cross section AVG 20 6 (converted acc. to IEC) Conductor cross section flexible 0.5 mm ² 16 mm ² Conductor cross section flexible (ferrule without plastic sleeve) 0.5 mm ² 16 mm ² Conductor cross section flexible (ferrule without plastic sleeve) 0.5 mm ² 16 mm ² Nominal current 57 A Maximum load current 56 A (with 16 mm ² conductor cross section)	Number of rows	1
Overvoltage category III Degree of pollution 3 Degree of pollution 3 Etertrical properties 8 kV Rated surge voltage 8 kV Maximum power dissipation for nominal condition 1.82 W Commetion data 10 Number of connections per level 10 Number of connections per level 10 mm² Screw thread M4 Tightening torque 1.5 1.8 Nm Stripping length 12 mm Internal cylindricial gage A3 Connection in acc. with standard IEC 60947-7-1 Conductor cross section rigid 0.5 mm² 16 mm² Conductor cross section figid 0.5 mm² 10 mm² Conductor cross section figid 0.5 mm² 10 mm² Conductor cross section figible [AWG] 20 8 (converted acc. to IEC) Conductor cross section figible [AWG] 20 8 (converted acc. to IEC) Conductor cross section figible (Merule without plastic sleeve) 0.5 mm² 16 mm² Nominal current 57 A Maximun load current 76 A (with 16 mm² conductor cross section)	Potentials	5
Degree of pollution 3 Electrical properties Rated surge voltage 8 kV Maximum power dissipation for nominal condition 1.82 W Number of connections per level 10 Number of connections per level 10 mm² Screw thread M4 Tightening torque 1.5 1.8 Nm Stripping length 12 mm Internal cylindrical gage A3 Connection in acc. with standard IEC 60947-7-1 Conductor cross section rigid 0.5 mm² 16 mm² Cross section AWG 20 6 (converted acc. to IEC) Conductor cross section figkible [AWG] 20 8 (converted acc. to IEC) Conductor cross section figkible [AWG] 20 8 (converted acc. to IEC) Conductor cross section figkible [AWG] 20 8 (converted acc. to IEC) Conductor cross section fighible (ferrule without plastic sleeve) 0.5 mm² 16 mm² Nominal current 57 A Maximum load current 76 A (with 16 mm² conductor cross section) Nominal voltage 800 V	Insulation characteristics	
Rated surge voltage 8 kV Maximum power dissipation for nominal condition 1.82 W Number of connections per level Number of connections per level 10 Nominal cross section 10 mm² Screw thread M4 Tightening torque 1.5 1.8 Nm Stripping length 12 mm Internal cylindrical gage A3 Connection in acc. with standard IEC 60947-7-1 Conductor cross section rigid 0.5 mm² 16 mm² Cross section AWG 20 6 (converted acc. to IEC) Conductor cross section flexible 0.5 mm² 10 mm² Conductor cross section flexible (ferrule without plastic sleeve) 0.5 mm² 16 mm² Conductor cross section flexible (ferrule without plastic sleeve) 0.5 mm² 16 mm² Flexible conductor cross section (ferrule with plastic sleeve) 0.5 mm² 16 mm² Nominal current 57 A Maximum load current 76 A (with 16 mm² conductor cross section) Nominal voltage 800 V	Overvoltage category	III
Rated surge voltage8 kVMaximum power dissipation for nominal condition1.82 WConnection data10Number of connections per level10Nominal cross section10 mm²Screw threadM4Tightening torque1.5 1.8 NmStipping length12 mmInternal cylindrical gageA3Connection racs section rigid0.5 mm² 16 mm²Conductor cross section rigid0.5 mm² 16 mm²Conductor cross section flexible0.5 mm² 16 mm²Conductor cross section flexible [AWG]20 8 (converted acc. to IEC)Conductor cross section flexible [AWG]0.5 mm² 16 mm²Conductor cross section flexible [AWG]0.5 mm² 16 mm²Nominal current57 AMaximum load current57 AMaximum load current57 AMaximum load current76 A (with 16 mm² conductor cross section)	Degree of pollution	3
Maximum power dissipation for nominal condition1.82 WNumber of connections per levelNumber of connections per level10Nominal cross section10 mm²Screw threadM4Tightening torque1.5 1.8 NmStripping length12 mmInternal cylindrical gageA3Connection in acc. with standardIEC 60947-7-1Conductor cross section rigid0.5 mm² 16 mm²Conductor cross section flexible0.5 mm² 10 mm²Conductor cross section flexible0.5 mm² 10 mm²Conductor cross section flexible (ferrule without plastic sleeve)0.5 mm² 16 mm²Nominal current57 AMaximum load current76 A (with 16 mm² conductor cross section)Nominal current57 A	Electrical properties	
Number of connections per level 10 Nominal cross section 10 mm² Screw thread 04 Tightening torque 1.5 1.8 Nm Stripping length 12 mm Internal cylindrical gage A3 Connection in acc. with standard IEC 60947-7-1 Conductor cross section rigid 0.5 mm² 16 mm² Cross section AWG 20 6 (converted acc. to IEC) Conductor cross section flexible [AWG] 20 8 (converted acc. to IEC) Conductor cross section flexible (ferrule without plastic sleeve) 0.5 mm² 16 mm² Flexible conductor cross section flexible (ferrule without plastic sleeve) 0.5 mm² 16 mm² Nominal current 57 A Maximum load current 76 A (with 16 mm² conductor cross section) Nominal voltage 800 V	Rated surge voltage	8 kV
Number of connections per level10Nominal cross section10 mm²Screw threadM4Tightening torque1.5 1.8 NmStripping length12 mmInternal cylindrical gageA3Connection in acc. with standardIEC 60947-7-1Conductor cross section rigid0.5 mm² 16 mm²Cross section AWG20 6 (converted acc. to IEC)Conductor cross section flexible0.5 mm² 10 mm²Conductor cross section flexible [AWG]20 8 (converted acc. to IEC)Conductor cross section (ferrule with plastic sleeve)0.5 mm² 16 mm²Flexible conductor cross section (ferrule with plastic sleeve)0.5 mm² 16 mm²Nominal current57 AMaximum load current76 A (with 16 mm² conductor cross section)Nominal voltage800 V	Maximum power dissipation for nominal condition	1.82 W
Nominal cross section10 mm²Screw threadM4Tightening torque1.5 1.8 NmStripping length12 mmInternal cylindrical gageA3Connection in acc. with standardIEC 60947-7-1Conductor cross section rigid0.5 mm² 16 mm²Cross section AWG20 6 (converted acc. to IEC)Conductor cross section flexible0.5 mm² 10 mm²Conductor cross section flexible0.5 mm² 10 mm²Conductor cross section flexible0.5 mm² 10 mm²Conductor cross section flexible0.5 mm² 10 mm²Mominal current57 AMaximum load current76 A (with 16 mm² conductor cross section)Nominal voltage800 V	Connection data	
Screw threadM4Tightening torque1.5 1.8 NmStripping length12 mmInternal cylindrical gageA3Connection in acc. with standardIEC 60947-7-1Conductor cross section rigid0.5 mm² 16 mm²Cross section AWG20 6 (converted acc. to IEC)Conductor cross section flexible0.5 mm² 10 mm²Conductor cross section flexible0.5 mm² 10 mm²Flexible conductor cross section flexible (ferrule without plastic sleeve)0.5 mm² 16 mm²Flexible conductor cross section (ferrule with plastic sleeve)0.5 mm² 16 mm²Nominal current57 AMaximum load current76 A (with 16 mm² conductor cross section)Nominal voltage800 V	Number of connections per level	10
Tightening torque1.5 1.8 NmStripping length12 mmInternal cylindrical gageA3Connection in acc. with standardIEC 60947-7-1Conductor cross section rigid0.5 mm² 16 mm²Conductor cross section flexible0.5 mm² 16 mm²Conductor cross section flexible0.5 mm² 10 mm²Conductor cross section, flexible [AWG]20 8 (converted acc. to IEC)Conductor cross section flexible [ferrule without plastic sleeve)0.5 mm² 16 mm²Flexible conductor cross section (ferrule with plastic sleeve)0.5 mm² 16 mm²Nominal current57 AMaximum load current76 A (with 16 mm² conductor cross section)Nominal voltage800 V	Nominal cross section	10 mm ²
Stripping length12 mmInternal cylindrical gageA3Connection in acc. with standardIEC 60947-7-1Conductor cross section rigid0.5 mm² 16 mm²Conductor cross section flexible0.5 mm² 16 mm²Conductor cross section flexible0.5 mm² 10 mm²Conductor cross section, flexible [AWG]20 8 (converted acc. to IEC)Conductor cross section flexible (ferrule without plastic sleeve)0.5 mm² 16 mm²Flexible conductor cross section (ferrule with plastic sleeve)0.5 mm² 16 mm²Nominal current57 AMaximum load current76 A (with 16 mm² conductor cross section)Nominal voltage800 V	Screw thread	M4
Internal cylindrical gageA3Connection in acc. with standardIEC 60947-7-1Conductor cross section rigid0.5 mm² 16 mm²Cross section AWG20 6 (converted acc. to IEC)Conductor cross section flexible0.5 mm² 10 mm²Conductor cross section, flexible [AWG]20 8 (converted acc. to IEC)Conductor cross section flexible (ferrule without plastic sleeve)0.5 mm² 16 mm²Flexible conductor cross section (ferrule with plastic sleeve)0.5 mm² 16 mm²Nominal current57 AMaximum load current76 A (with 16 mm² conductor cross section)Nominal voltage800 V	Tightening torque	1.5 1.8 Nm
Connection in acc. with standardIEC 60947-7-1Conductor cross section rigid $0.5 \mathrm{mm}^2 \dots 16 \mathrm{mm}^2$ Cross section AWG $20 \dots 6$ (converted acc. to IEC)Conductor cross section flexible $0.5 \mathrm{mm}^2 \dots 10 \mathrm{mm}^2$ Conductor cross section, flexible [AWG] $20 \dots 8$ (converted acc. to IEC)Conductor cross section flexible (ferrule without plastic sleeve) $0.5 \mathrm{mm}^2 \dots 16 \mathrm{mm}^2$ Flexible conductor cross section (ferrule with plastic sleeve) $0.5 \mathrm{mm}^2 \dots 16 \mathrm{mm}^2$ Nominal current $57 \mathrm{A}$ Maximum load current $76 \mathrm{A}$ (with 16 mm² conductor cross section)Nominal voltage $800 \mathrm{V}$	Stripping length	12 mm
Conductor cross section rigid0.5 mm² 16 mm²Cross section AWG20 6 (converted acc. to IEC)Conductor cross section flexible0.5 mm² 10 mm²Conductor cross section, flexible [AWG]20 8 (converted acc. to IEC)Conductor cross-section flexible (ferrule without plastic sleeve)0.5 mm² 16 mm²Flexible conductor cross section (ferrule with plastic sleeve)0.5 mm² 16 mm²Nominal current57 AMaximum load current76 A (with 16 mm² conductor cross section)Nominal voltage800 V	Internal cylindrical gage	A3
Cross section AWG20 6 (converted acc. to IEC)Conductor cross section flexible0.5 mm² 10 mm²Conductor cross section, flexible [AWG]20 8 (converted acc. to IEC)Conductor cross-section flexible (ferrule without plastic sleeve)0.5 mm² 16 mm²Flexible conductor cross section (ferrule with plastic sleeve)0.5 mm² 16 mm²Nominal current57 AMaximum load current76 A (with 16 mm² conductor cross section)Nominal voltage800 V	Connection in acc. with standard	IEC 60947-7-1
Conductor cross section flexible $0.5 \text{ mm}^2 \dots 10 \text{ mm}^2$ Conductor cross section, flexible [AWG] $20 \dots 8 \text{ (converted acc. to IEC)}$ Conductor cross-section flexible (ferrule without plastic sleeve) $0.5 \text{ mm}^2 \dots 16 \text{ mm}^2$ Flexible conductor cross section (ferrule with plastic sleeve) $0.5 \text{ mm}^2 \dots 16 \text{ mm}^2$ Nominal current 57 A Maximum load current $76 \text{ A (with 16 mm}^2 \text{ conductor cross section)}$ Nominal voltage 800 V	Conductor cross section rigid	0.5 mm ² 16 mm ²
Conductor cross section, flexible [AWG]20 8 (converted acc. to IEC)Conductor cross-section flexible (ferrule without plastic sleeve)0.5 mm² 16 mm²Flexible conductor cross section (ferrule with plastic sleeve)0.5 mm² 16 mm²Nominal current57 AMaximum load current76 A (with 16 mm² conductor cross section)Nominal voltage800 V	Cross section AWG	20 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)0.5 mm² 16 mm²Flexible conductor cross section (ferrule with plastic sleeve)0.5 mm² 16 mm²Nominal current57 AMaximum load current76 A (with 16 mm² conductor cross section)Nominal voltage800 V	Conductor cross section flexible	0.5 mm ² 10 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)0.5 mm² 16 mm²Nominal current57 AMaximum load current76 A (with 16 mm² conductor cross section)Nominal voltage800 V	Conductor cross section, flexible [AWG]	20 8 (converted acc. to IEC)
Nominal current57 AMaximum load current76 A (with 16 mm² conductor cross section)Nominal voltage800 V	Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm ² 16 mm ²
Maximum load current 76 A (with 16 mm² conductor cross section) Nominal voltage 800 V	Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm ² 16 mm ²
Nominal voltage 800 V	Nominal current	57 A
	Maximum load current	76 A (with 16 mm ² conductor cross section)
Nominal cross section 10 mm ²	Nominal voltage	800 V
	Nominal cross section	10 mm ²

Dimensions



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Dimensional drawing	
Width	68 mm
Height	31 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V2
Insulating material group	1
Insulating material	PA

Mechanical properties

Mechanical data	
Open side panel	No

Environmental and real-life 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 %

Connection in acc. with standard	IEC 60947-7-1

Mounting

Mounting type

direct screw connection

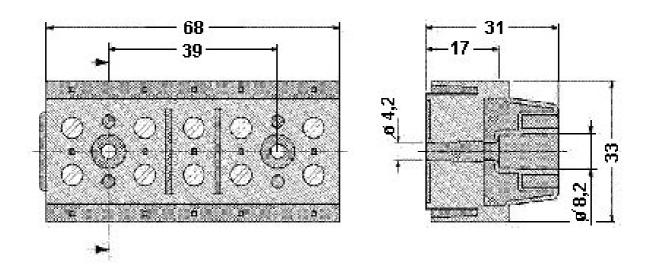
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Drawings

Dimensional drawing





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Classifications

ECLASS

	ECLASS-11.0	27141106
ET	ГІМ	
	ETIM 8.0	EC001284
U	NSPSC	
	UNSPSC 21.0	39121400

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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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