

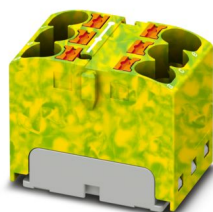
PTFIX 6X4 GNYE - Distribution block



1154139

<https://www.phoenixcontact.com/us/products/1154139>

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Distribution block, Basic terminal block with feed-in without protective conductor function, nom. voltage: 450 V, nominal current: 32 A, number of connections: 6, connection method: Push-in connection, cross section: 0.2 mm² - 6 mm², mounting type: Free-hanging, color: green-yellow

Your advantages

- Time-saving conductor connection, thanks to tool-free Push-in direct connection technology
- Space savings of up to 50 % on the DIN rail, thanks to transverse mounting
- Flexible use, thanks to DIN rail mounting, direct mounting or adhesive mounting
- Clear wiring, thanks to eleven different color variants
- Time savings of up to 80 %, thanks to ready-to-mount blocks without manual bridging

Commercial data

Item number	1154139
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	BEA113
GTIN	4063151154417
Weight per piece (including packing)	14.6 g
Weight per piece (excluding packing)	14 g
Country of origin	PL

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Technical data

Notes

Notes on connection	Connection in accordance with IEC 60998-2-2 (no protective conductor function terminal)
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Product properties

Product type	Distributor terminal block
Number of connections	6
Number of rows	1
Potentials	1

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	6
Nominal cross section	4 mm ²
Rated cross section AWG	10
Connection method	Push-in connection
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60998-2-2
Conductor cross-section rigid	0.2 mm ² ... 6 mm ²
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm ² ... 6 mm ²
Conductor cross-section, flexible [AWG]	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.2 mm ² ... 4 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.2 mm ² ... 4 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1 mm ²
Nominal current	32 A
Maximum load current	41 A (with 6 mm ² conductor cross-section)
Maximum total current	63 A
Nominal voltage	450 V

Connection cross sections directly pluggable

Conductor cross-section rigid	0.5 mm ² ... 6 mm ²
Conductor cross-section, rigid [AWG]	20 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.75 mm ² ... 4 mm ²

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Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm² ... 4 mm²
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Dimensions

Width	18.5 mm
Height	28.6 mm
Depth	21.7 mm

Material specifications

Color	green-yellow
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	No
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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 60998-2-2
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Mounting

Mounting type	Free-hanging
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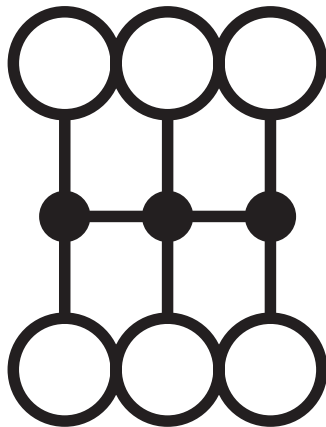
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Drawings

Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1154139>

DNV Approval ID: TAE00002TT-05				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	500 V	24 A	-	-

CSA Approval ID: 158887				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	-	-	24 - 10	-
C				
	-	-	24 - 10	-

CB IECEE CB Scheme Approval ID: DE1-63087				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	450 V	32 A	-	- 4

VDE Zeichengenehmigung Approval ID: 40047798				
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EAC Approval ID: KZ7500651131219505				
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cULus cULus Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	-	-	24 - 10	-
C				
	-	-	24 - 10	-

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Classifications

ECLASS

ECLASS-13.0	27250118
ECLASS-15.0	27250118

ETIM

ETIM 10.0	EC000897
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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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