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High-current terminal block - PTPOWER 50-FE-F - 3260064

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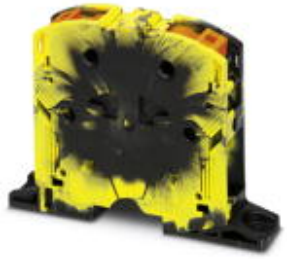

High-current terminal block, Connection method: Power-Turn connection, Cross section: 10 mm² - 70 mm², AWG: 8 - 2/0, Width: 20 mm, Height: 96 mm, Color: black/yellow, Mounting type: NS 35/15

Why buy this product

- Quick and easy connection is now also possible for large conductors with the high-current terminal block
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design enables wiring in a confined space
- In addition to using the existing test connection, pick-off terminal blocks can be connected, each of which can also accommodate two test cables

Key Commercial Data

Packing unit	10 STK
GTIN	4 046356 998857

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	50 mm²
Color	black/yellow
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	150 A (with 50 mm² conductor cross section)
Nominal current I_N	150 A
Nominal voltage U_N	1500 V
Open side panel	No

Dimensions

High-current terminal block - PTPOWER 50-FE-F - 3260064

Technical data

Dimensions

Width	20 mm
Length	101 mm
Height	96 mm
Hole diameter	6.5 mm
Drill hole spacing	123.40 mm

Connection data

Connection method	Power-Turn connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	10 mm²
Conductor cross section solid max.	70 mm²
Conductor cross section AWG min.	8
Conductor cross section AWG max.	2/0
Conductor cross section flexible min.	10 mm²
Conductor cross section flexible max.	70 mm²
Min. AWG conductor cross section, flexible	8
Max. AWG conductor cross section, flexible	2/0
Conductor cross section flexible, with ferrule without plastic sleeve min.	10 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	50 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	10 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	50 mm²
Cross section with insertion bridge solid min.	10 mm²
Cross section with insertion bridge, solid max.	50 mm²
Cross section with insertion bridge stranded min.	10 mm²
Cross section with insertion bridge, stranded max.	50 mm²
Cross section with insertion bridge stranded, with ferrule without plastic sleeve min.	10 mm²
Cross section with insertion bridge stranded, with ferrule without plastic sleeve max.	50 mm²
Cross section with insertion bridge stranded, with ferrule without plastic sleeve min.	10 mm²
Cross section with insertion bridge stranded, with ferrule with plastic sleeve max.	50 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	10 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	16 mm²
Cross section with insertion bridge, solid max.	50 mm²
Cross section with insertion bridge, stranded max.	50 mm²
Stripping length	30 mm
Internal cylindrical gage	A10

Standards and Regulations

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

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Technical data

Standards and Regulations

Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 5.0	EC000897

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA

	B	C
mm²/AWG/kcmil	8-1/0	8-1/0
Nominal current IN	140 A	140 A
Nominal voltage UN	600 V	1000 V

UL Recognized

mm²/AWG/kcmil	8-1/0

High-current terminal block - PTPOWER 50-FE-F - 3260064

Approvals

Nominal current IN	140 A
Nominal voltage UN	1000 V

cUL Recognized

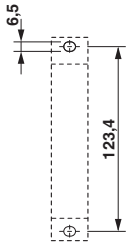
	C
mm²/AWG/kcmil	8-1/0
Nominal current IN	140 A
Nominal voltage UN	1000 V

cULus Recognized

Drawings

Circuit diagram

Dimensional drawing



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