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Panel feed-through terminal block - HDFK 4 - 0707086

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Panel feed-through terminal block, connection method: Screw connection, Screw connection, number of positions: 0, load current: 41 A, cross section: 0.2 mm² - 6 mm², AWG 24 - 10, connection direction of the conductor to plug-in direction: 0 °, width: 8.1 mm, color: gray

RoHS | 41A IEC | 400V IEC | 4 mm³ | 0°

Key Commercial Data

Packing unit	1 STK
GTIN	4 017918 003869
GTIN	4017918003869
Weight per Piece (excluding packing)	8.788 g
Custom tariff number	85369010
Country of origin	Greece

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	4 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1

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Technical data

General

Nominal current I_N	32 A
Maximum load current	41 A
Nominal voltage U_N	400 V (With metal panels of 1 mm ... 2.5 mm)
	250 V (With metal panels over 2.5 mm ... 4 mm)
	400 V (With plastic panels of 1 mm ... 4 mm)
Open side panel	No
Number of positions	0

Dimensions

Width	8.1 mm
Plate thickness	1 mm ... 4 mm

Connection data

Connection side	Level 1 ext. 1
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	4 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²
Cross section with insertion bridge, solid max.	4 mm²
Cross section with insertion bridge, stranded max.	2.5 mm²
Stripping length	9 mm

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Technical data

Connection data

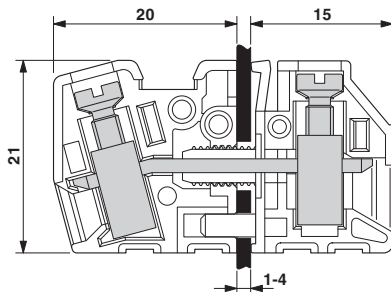|	
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm
Connection side	Level 1 int. 1
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	4 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Internal cylindrical gage	A4

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
	IEC / EN
Flammability rating according to UL 94	V0

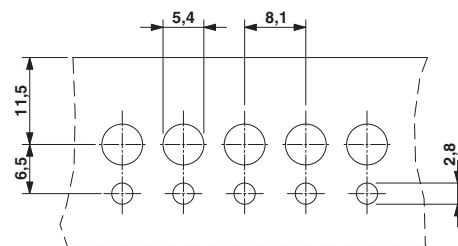### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing

Dimensional drawing

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Classifications

eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
eCl@ss 5.0	27141134
eCl@ss 5.1	27141134
eCl@ss 6.0	27141134
eCl@ss 7.0	27141134
eCl@ss 8.0	27141134
eCl@ss 9.0	27141134

ETIM

ETIM 2.0	EC001283
ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283
ETIM 6.0	EC001283

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

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Approvals

CSA / KEMA-KEUR / IECEE CB Scheme / cULus Recognized / EAC

Ex Approvals

Approval details

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Approvals

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
mm²/AWG/kcmil		22-10	
Nominal current IN		30 A	
Nominal voltage UN		300 V	

KEMA-KEUR		http://www.dekra-certification.com	2169260.01
mm²/AWG/kcmil		4	
Nominal current IN		32 A	
Nominal voltage UN		250 V	

IECEE CB Scheme		http://www.iecee.org/	NL-29947
mm²/AWG/kcmil		4	
Nominal current IN		32 A	
Nominal voltage UN		250 V	

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19870911
		B	D
mm²/AWG/kcmil		30-10	30-10
Nominal current IN		30 A	10 A
Nominal voltage UN		300 V	300 V

EAC			B.01742

Accessories

Accessories

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Accessories

Insertion bridge

Insertion bridge - EBS 2- 8 - 3118151

Insertion bridge, pitch: 8 mm, number of positions: 2, color: gray

Insertion bridge - EBS 3- 8 - 3118148

Insertion bridge, pitch: 8 mm, number of positions: 3, color: gray

Insertion bridge - EBS 10- 8 - 3118135

Insertion bridge, pitch: 8 mm, number of positions: 10, color: gray

Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053

Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Terminal marking

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Accessories

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003

Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Marker for terminal blocks - UC-TM 6 - 0818085

Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710

Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Marker for terminal blocks - TMT 6 R - 0816498

Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, perforated, Mounting type: snap into universal marker groove, snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 6.35 x 6.15 mm

Marker for terminal blocks - TMT (EX9,5)R - 0828295

Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, Mounting type: snap into universal marker groove, Snap into tall marker groove, for terminal block width: 50000 mm, Lettering field: 9.5 x 50000 mm