

## Feed-through terminal block - HDFK 50 - 0708739

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Feed-through terminal block, Connection method: Screw connection, Load current : 150 A, Cross section: 16 mm<sup>2</sup> - 50 mm<sup>2</sup>, AWG 6 - 1/0, Connection direction of the conductor to plug-in direction: 0 °, Width: 18.8 mm, Color: gray

### Why buy this product

- Easy grouping with engagement pin versions
- Both terminal halves can be easily assembled by simply snapping them together
- Touch-proof insulating housing in a new design
- Universal screw connection with screw locking
- Spacer plates increase air and creepage distances
- Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing



### Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 671 (CC-2011)
GTIN	 4 017918 004750
Custom tariff number	85369010
Country of origin	GREECE

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

#### Dimensions

Width	18.8 mm
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#### Technical data

Maximum load current	150 A
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## Technical data

### Technical data

Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current $I_N$	150 A
Nominal voltage $U_N$	690 V
Open side panel	nein

### Connection data

Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
Conductor cross section solid min.	16 mm <sup>2</sup>
Conductor cross section solid max.	50 mm <sup>2</sup>
Conductor cross section stranded min.	16 mm <sup>2</sup>
Conductor cross section stranded max.	50 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	6
Conductor cross section AWG/kcmil max	1/0
Conductor cross section stranded, with ferrule without plastic sleeve min.	10 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	50 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	10 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	50 mm <sup>2</sup>
2 conductors with same cross section, solid min.	6 mm <sup>2</sup>
2 conductors with same cross section, solid max.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	24 mm
Internal cylindrical gage	B10
Screw thread	M6
Tightening torque, min	6 Nm
Tightening torque max	8 Nm

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## Classifications

### ETIM

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

### UNSPSC

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

### 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

## Approvals

### Approvals

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#### Approvals

CSA / UL Recognized / KEMA-KEUR / GOST / PRS / IEC CB Scheme / GOST

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

		
	<b>B</b>	<b>C</b>
mm <sup>2</sup> /AWG/kcmil	6	6
Nominal current I <sub>N</sub>	125 A	125 A
Nominal voltage U <sub>N</sub>	600 V	600 V

# Feed-through terminal block - HDFK 50 - 0708739

## Approvals

UL Recognized

	B	C
mm <sup>2</sup> /AWG/kcmil	6	6
Nominal current I <sub>N</sub>	150 A	150 A
Nominal voltage U <sub>N</sub>	600 V	600 V

KEMA-KEUR

mm <sup>2</sup> /AWG/kcmil	50
Nominal current I <sub>N</sub>	150 A
Nominal voltage U <sub>N</sub>	690 V

GOST

PRS

IECEE CB Scheme

mm <sup>2</sup> /AWG/kcmil	50
Nominal current I <sub>N</sub>	150 A
Nominal voltage U <sub>N</sub>	690 V

GOST

## Accessories

Accessories

Plug/Adapter

# Feed-through terminal block - HDFK 50 - 0708739

## Accessories

Insertion profile - UKH 50 EP - 3009228



Insertion profile, Color: silver

## Tools

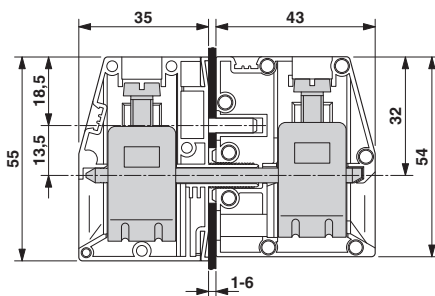
Screwdriver - SZS 1,2X8,0 VDE - 1205082



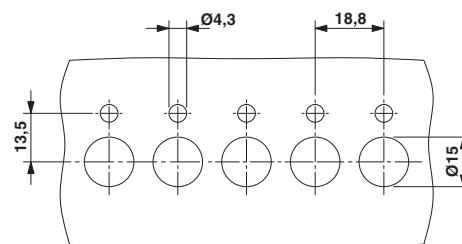
Screwdriver, bladed, VDE insulated, size: 1.2 x 8.0 x 175 mm, 2-component grip, with non-slip grip

## Drawings

Dimensioned drawing



Dimensioned drawing



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