

Fuse modular terminal block - UK 10,3-CC HESI N



3048580

<https://www.phoenixcontact.com/us/products/3048580>

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Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: Class CC, nom. voltage: 600 V, nominal current: 30 A, connection method: Screw connection, Rated cross section: 25 mm², cross section: 1.5 mm²- 25 mm², mounting type: NS 35/7,5, NS 35/15, color: black

Your advantages

- Easy to bridge
- Fuse holder for fuses up to 600 V
- For 10 x 38 CC fuse-links in accordance with UL 4248-4

Commercial Data

Item number	3048580
Packing unit	1 pc
Minimum order quantity	10 pc
Sales Key	B01
Product Key	BE1234
Catalog Page	Page 463 (C-1-2017)
GTIN	4046356115971
Weight per Piece (including packing)	50.83 g
Weight per Piece (excluding packing)	50 g
Customs tariff number	85369095
Country of origin	DE

Technical Data

Notes

Trade restriction

CE note	The products are offered exclusively for export outside the EU and the European Economic Area.
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Product properties

Product type	Fuse terminal block
Number of connections	2
Number of rows	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Fuse type	Glass / ceramics / ...
Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	3.26 W
Fuse	Class CC

Connection data

Number of connections per level	2
Nominal cross section	25 mm ²

Level 1 above 1 below 1

Screw thread	M5
Tightening torque	2 ... 2.5 Nm
Stripping length	11 mm
Internal cylindrical gage	B6
Conductor cross section solid	1.5 mm ² ... 25 mm ²
Cross section AWG	16 ... 4
Conductor cross section flexible	1.5 mm ² ... 25 mm ²
Conductor cross section, flexible [AWG]	16 ... 4
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	1.5 mm ² ... 16 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	1.5 mm ² ... 16 mm ²
Cross-section with insertion bridge, rigid	10 mm ²
Cross-section with insertion bridge, flexible	10 mm ²
2 conductors with same cross section, solid	1.5 mm ² ... 4 mm ²
2 conductors with same cross section, flexible	1.5 mm ² ... 4 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	1.5 mm ² ... 4 mm ²
2 conductors with the same cross section, flexible, with TWIN	1.5 mm ² ... 10 mm ²

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ferrule with plastic sleeve	
Nominal current	30 A (the current and voltage are determined by the fuse)
Maximum load current	30 A (the current and voltage are determined by the fuse)
Nominal voltage	600 V (the current and voltage are determined by the fuse)
Nominal cross section	25 mm ²

Dimensions

Width	18 mm
Height NS 35/15	73 mm
Height NS 35/7,5	65.5 mm
Length	81 mm

Material specifications

Color	black
Flammability rating according to UL 94	V2
Insulating material group	IIIb
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

Mechanical properties

Mechanical data

Open side panel	No
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 85 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 55 °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 %

Mounting

Mounting type	NS 35/7,5
	NS 35/15

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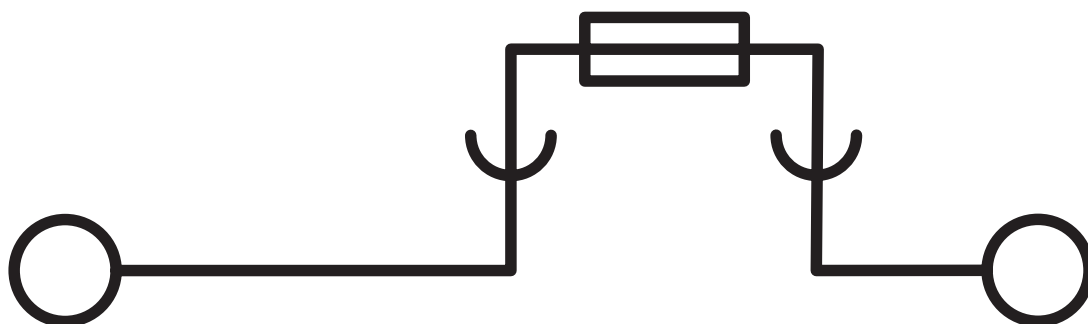


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Drawings

Circuit diagram




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Approvals

 CSA Approval ID: 225908				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	600 V	30 A	18 - 4	-
Multi-conductor connection	600 V	30 A	18 - 6	-

 EAC Approval ID: RU C-DE.BL08.B.00534				
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 UL Listed Approval ID: FILE E 244294				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	600 V	30 A	-	18 - 4
Multi-conductor connection	600 V	30 A	-	18 - 6

 cUL Listed Approval ID: FILE E 244294				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	600 V	30 A	18 - 4	-
Multi-conductor connection	600 V	30 A	18 - 6	-

cULus Listed				
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Classifications

ECLASS

ECLASS-9.0	27141116
ECLASS-10.0.1	27141116
ECLASS-11.0	27141116

ETIM

ETIM 8.0	EC000899
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UNSPSC

UNSPSC 21.0	39121400
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Environmental Product Compliance


China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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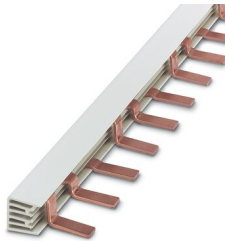
Accessories

 Note: Applying some accessories below might limit this product.

Insertion bridge

Insertion bridge - EB 56-18/L1-L2-L3 - 3009367

<https://www.phoenixcontact.com/us/products/3009367>



Insertion bridge, pitch: 18 mm, color: gray

 Max. current carrying capacity: 76 A


Insertion bridge

Insertion bridge - EB 56-18 - 3009299

<https://www.phoenixcontact.com/us/products/3009299>



Insertion bridge, pitch: 18 mm, color: gray

 Max. current carrying capacity: 76 A

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Insertion bridge

Insertion bridge - EB 2-18 - 3009300

<https://www.phoenixcontact.com/us/products/3009300>



Insertion bridge, pitch: 17.8 mm, color: light gray

 Max. current carrying capacity: 76 A


Insertion bridge

Insertion bridge - EB 3-18 - 3009305

<https://www.phoenixcontact.com/us/products/3009305>



Insertion bridge, pitch: 17.8 mm, color: light gray

 Max. current carrying capacity: 76 A

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Connection pin

Connection pin - VS-UK 10,3-HESI N 2POL - 3048532

<https://www.phoenixcontact.com/us/products/3048532>



Connection pin, plastic, for coupling two fuse terminal blocks, color: white, diameter: 3 mm

Connection pin

Connection pin - VS-UK 10,3-HESI N 3POL - 3048409

<https://www.phoenixcontact.com/us/products/3048409>



Connection pin, plastic, for coupling three fuse terminal blocks, color: white, diameter: 3 mm

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Screwdriver

Screwdriver - SF-SL 0,6X3,5-100 S-VDE - 1212587

<https://www.phoenixcontact.com/us/products/1212587>



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

DIN rail perforated

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733

<https://www.phoenixcontact.com/us/products/0801733>



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

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DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681

<https://www.phoenixcontact.com/us/products/0801681>



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail perforated

DIN rail perforated - NS 35/ 7,5 WH PERF 2000MM - 1204119

<https://www.phoenixcontact.com/us/products/1204119>



DIN rail perforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 25 (50 m)

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<https://www.phoenixcontact.com/us/products/3048580>

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - 1204122

<https://www.phoenixcontact.com/us/products/1204122>



DIN rail, unperforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 10 (20 m)

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704

<https://www.phoenixcontact.com/us/products/0801704>



DIN rail, unperforated, acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver, Pack of 25 (50 m)

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DIN rail perforated

DIN rail perforated - NS 35/ 7,5 ZN PERF 2000MM - 1206421

<https://www.phoenixcontact.com/us/products/1206421>



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434

<https://www.phoenixcontact.com/us/products/1206434>



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

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DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - 0801762

<https://www.phoenixcontact.com/us/products/0801762>



DIN rail, unperforated, acc. to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored, Pack of 10 (20 m)

End cap

End cap - NS 35/ 7,5 CAP - 1206560

<https://www.phoenixcontact.com/us/products/1206560>

DIN rail end piece, for DIN rail NS 35/7.5



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DIN rail perforated

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730

<https://www.phoenixcontact.com/us/products/1201730>



DIN rail perforated, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail, unperforated

DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714

<https://www.phoenixcontact.com/us/products/1201714>



DIN rail, unperforated, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

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DIN rail perforated

DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602

<https://www.phoenixcontact.com/us/products/0806602>



DIN rail perforated, similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: white, Pack of 25 (50 m)

DIN rail, unperforated

DIN rail, unperforated - NS 35/15 WH UNPERF 2000MM-VPE 10 - 1204135

<https://www.phoenixcontact.com/us/products/1204135>



DIN rail, unperforated, similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 10 (20 m)

Fuse modular terminal block - UK 10,3-CC HESI N

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<https://www.phoenixcontact.com/us/products/3048580>

DIN rail, unperforated

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756

<https://www.phoenixcontact.com/us/products/1201756>



DIN rail, unperforated, similar to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

DIN rail perforated

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599

<https://www.phoenixcontact.com/us/products/1206599>



DIN rail perforated, similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

Fuse modular terminal block - UK 10,3-CC HESI N

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DIN rail, unperforated

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586

<https://www.phoenixcontact.com/us/products/1206586>



DIN rail, unperforated, similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail, unperforated

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM-VPE 10 - 1201895

<https://www.phoenixcontact.com/us/products/1201895>



DIN rail, unperforated, similar to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored, Pack of 10 (20 m)

Fuse modular terminal block - UK 10,3-CC HESI N

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End cap

End cap - NS 35/15 CAP - 1206573

<https://www.phoenixcontact.com/us/products/1206573>

DIN rail end piece, for DIN rail NS 35/15



DIN rail, unperforated

DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM-VPE 10 - 1201798

<https://www.phoenixcontact.com/us/products/1201798>



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile 2.3 mm, color: silver, Pack of 10 (20 m)

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Zack Marker strip, flat

Zack Marker strip, flat - ZBF10:UNBEDRUCKT - 0809997

<https://www.phoenixcontact.com/us/products/0809997>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snapped, for terminal block width: 10 mm, lettering field size: 5.15 x 10 mm, Number of individual labels: 10

Zack Marker strip, flat

Zack Marker strip, flat - ZBF10 CUS - 0825031

<https://www.phoenixcontact.com/us/products/0825031>



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 10 mm, lettering field size: 5.15 x 10 mm, Number of individual labels: 10

Fuse modular terminal block - UK 10,3-CC HESI N

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Zack Marker strip, flat

Zack Marker strip, flat - ZBF10,LGS:FORTL.ZAHLEN - 0810009

<https://www.phoenixcontact.com/us/products/0810009>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 10 mm, lettering field size: 5.15 x 10 mm, Number of individual labels: 10

Zack Marker strip, flat

Zack Marker strip, flat - ZBF10,QR:FORTL.ZAHLEN - 0810025

<https://www.phoenixcontact.com/us/products/0810025>



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 10 mm, lettering field size: 5.15 x 10 mm, Number of individual labels: 10

Fuse modular terminal block - UK 10,3-CC HESI N

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Marker for terminal blocks

Marker for terminal blocks - UC-TMF 10 - 0818124

<https://www.phoenixcontact.com/us/products/0818124>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 10.2 mm, lettering field size: 9.6 x 5.1 mm, Number of individual labels: 48

Marker for terminal blocks

Marker for terminal blocks - UC-TMF 10 CUS - 0824662

<https://www.phoenixcontact.com/us/products/0824662>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 10.2 mm, lettering field size: 9.6 x 5.1 mm, Number of individual labels: 48

Fuse modular terminal block - UK 10,3-CC HESI N

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Marker for terminal blocks

Marker for terminal blocks - UCT-TMF 10 - 0829204

<https://www.phoenixcontact.com/us/products/0829204>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 10.2 mm, lettering field size: 9.4 x 4.7 mm, Number of individual labels: 36

Marker for terminal blocks

Marker for terminal blocks - UCT-TMF 10 CUS - 0829679

<https://www.phoenixcontact.com/us/products/0829679>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 10.2 mm, lettering field size: 9.4 x 4.7 mm, Number of individual labels: 36

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End clamp

End clamp - CLIPFIX 35 - 3022218

<https://www.phoenixcontact.com/us/products/3022218>



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

End clamp

End clamp - CLIPFIX 35-5 - 3022276

<https://www.phoenixcontact.com/us/products/3022276>



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

Fuse modular terminal block - UK 10,3-CC HESI N



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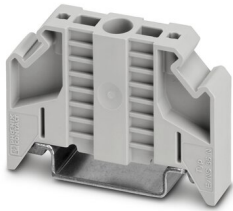
<https://www.phoenixcontact.com/us/products/3048580>

End clamp

End clamp - E/NS 35 N - 0800886

<https://www.phoenixcontact.com/us/products/0800886>

End clamp, width: 9.5 mm, color: gray



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