

## Fuse modular terminal block - UK 6-FSI/C - 3118203

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Flat-type fuse terminal block, cross section: 0.2 - 6 mm<sup>2</sup>, AWG: 26 - 8, width: 8.2 mm, color: black

### Product Features

- Can be bridged with FBI ... fixed bridge



### Key commercial data

Packing unit	1 PCE
Minimum order quantity	50 PCE
Catalog page	Page 443 (CL1-2011)
GTIN	 4 017918 100605
Custom tariff number	85369010
Country of origin	POLAND

### Technical data

#### General

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

#### Dimensions

Width	8.2 mm
Length	64 mm
Height NS 35/7,5	53.8 mm

## Fuse modular terminal block - UK 6-FSI/C - 3118203

### Technical data

#### Dimensions

Height NS 35/15	59.5 mm
Height NS 32	57 mm

#### Technical data

Fuse	C
Fuse type	Flat
Rated surge voltage	4 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Nominal current $I_N$	30 A
Nominal voltage $U_N$	250 V
Maximum current with single arrangement	30 A (special arrangements on request)
Open side panel	nein

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	10 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	6 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	8
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	10 mm

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### Technical data

#### Connection data

Internal cylindrical gage	A5
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.6 Nm

### Classifications

#### ETIM

ETIM 2.0	EC000899
ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 5.0	EC000899

#### UNSPSC

UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121411
UNSPSC 6.01	30211812
UNSPSC 7.0901	39121411

#### eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141116
eCl@ss 5.0	27141116
eCl@ss 5.1	27141116
eCl@ss 6.0	27141116
eCl@ss 7.0	27141116

### Approvals

#### Approvals

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#### Approvals

CSA / UL Recognized / cUL Recognized / GOST / cULus Recognized

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#### Ex Approvals


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## Fuse modular terminal block - UK 6-FSI/C - 3118203


### Approvals

Approvals submitted


#### Approval details

CSA 	
mm <sup>2</sup> /AWG/kcmil	26-8
Nominal current I <sub>N</sub>	30 A
Nominal voltage U <sub>N</sub>	32 V

UL Recognized 	
mm <sup>2</sup> /AWG/kcmil	26-8
Nominal current I <sub>N</sub>	30 A
Nominal voltage U <sub>N</sub>	300 V

cUL Recognized 	
mm <sup>2</sup> /AWG/kcmil	26-8
Nominal current I <sub>N</sub>	30 A
Nominal voltage U <sub>N</sub>	300 V

GOST 	
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cULus Recognized 	
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### Accessories

Accessories

## Fuse modular terminal block - UK 6-FSI/C - 3118203

### Accessories

#### Assembly

Separating plate - TS-KK 3 - 2770215



Separating plate, Length: 14 mm, Height: 16 mm, Color: gray

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DIN rail - NS 32 PERF 2000MM - 1201002



G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m

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DIN rail - NS 32 UNPERF 2000MM - 1201015



G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m

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



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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## Fuse modular terminal block - UK 6-FSI/C - 3118203

### Accessories

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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



DIN rail, material: Aluminum, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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## Fuse modular terminal block - UK 6-FSI/C - 3118203

### Accessories

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



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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



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

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



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

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



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

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



DIN rail 35 mm (NS 35)

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## Fuse modular terminal block - UK 6-FSI/C - 3118203

### Accessories

DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

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



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

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## Fuse modular terminal block - UK 6-FSI/C - 3118203

### Accessories

End cap - NS 35/15 CAP - 1206573



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

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



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

End clamp - CLIPFIX 35 - 3022218



Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray

End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, can be fitted with ZB 5 and ZBF 5 zack marker strip, KLM 2, KLM3, and KML3L terminal strip marker, parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

## Fuse modular terminal block - UK 6-FSI/C - 3118203

### Accessories

End clamp - E/UK - 1201442



End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

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End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

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### Bridges

Fixed bridge - FBI 2- 8 - 0200020



Fixed bridge, Number of positions: 2, Color: silver

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Fixed bridge - FBI 3- 8 - 0200059



Fixed bridge, Number of positions: 3, Color: silver

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Fixed bridge - FBI 4- 8 - 0200046



Fixed bridge, Number of positions: 4, Color: silver

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## Fuse modular terminal block - UK 6-FSI/C - 3118203

### Accessories

Fixed bridge - FBI 10- 8 - 0203263



Fixed bridge, Number of positions: 10, Color: silver

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Insertion bridge - EB 2- 8 - 0202154



Insertion bridge, Number of positions: 2, Color: gray

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Insertion bridge - EB 3- 8 - 0202141



Insertion bridge, Number of positions: 3, Color: gray

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Insertion bridge - EB 10- 8 - 0202138



Insertion bridge, Number of positions: 10, Color: gray

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Bridge bar isolator - ISSBI 10- 8 - 0301534



Bridge bar isolator, Number of positions: 10, Color: silver

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## Fuse modular terminal block - UK 6-FSI/C - 3118203

### Accessories

Insertion bridge - EB 4- 8 - 0202142



Insertion bridge, Number of positions: 4, Color: gray

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### Marking

Marker cards - SBS 8:UNBEDRUCKT - 1007235



Marker cards, Card, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, Snap into flat marker groove, For terminal block width: 8.2 mm, Lettering field: 6 x 8.1 mm

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Zack marker strip - ZB 8:UNBEDRUCKT - 1052002



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

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Zack marker strip - ZB 8 CUS - 0825011



Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

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Marker for terminal blocks - UC-TM 8 - 0818072



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, Bluemark, Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

## Fuse modular terminal block - UK 6-FSI/C - 3118203

### Accessories

#### Marker for terminal blocks - UC-TM 8 CUS - 0824597



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

#### Marker for terminal blocks - UCT-TM 8 - 0828740



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Thermomark C+, Thermomark C, BLUEMARK CLED, Bluemark, Mounting type: Snap into tall marker groove, For terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

#### Marker for terminal blocks - UCT-TM 8 CUS - 0829616



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

### Additional products

#### Fuse - SI FORM C 15 A DIN 72581 - 0913676



Flat-type plug-in fuse, type C, color code: light blue, nominal current: 15 A

#### Fuse - SI FORM C 2 A - 0913689



Flat-type plug-in fuse, type C, color code: gray, nominal current: 2 A

## Fuse modular terminal block - UK 6-FSI/C - 3118203

### Accessories

Fuse - SI FORM C 7,5 A DIN 72581 - 0913702



Flat-type plug-in fuse, type C, color code: brown, nominal current: 7.5 A

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Fuse - SI FORM C 20 A DIN 72581 - 0913744



Flat-type plug-in fuse, type C, color code: yellow, nominal current: 20 A

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Fuse - SI FORM C 4 A DIN 72581 - 0913731



Flat-type plug-in fuse, type C, color code: pink, nominal current: 4 A

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Fuse - SI FORM C 3 A DIN 72581 - 0913773



Flat-type plug-in fuse, type C, color code: violet, nominal current: 3 A

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Fuse - SI FORM C 30 A DIN 72581 - 0913760



Flat-type plug-in fuse, type C, color code: light green, nominal current: 30 A

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## Fuse modular terminal block - UK 6-FSI/C - 3118203

### Accessories

Fuse - SI FORM C 25 A DIN 72581 - 0913757



Flat-type plug-in fuse, type C, color code: white, nominal current: 25 A

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Fuse - SI FORM C 10 A DIN 72581 - 0913715



Flat-type plug-in fuse, type C, color code: red, nominal current: 10 A

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Fuse - SI FORM C 5 A DIN 72581 - 0913692



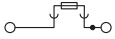
Flat-type plug-in fuse, type C, color code: light brown, nominal current: 5 A

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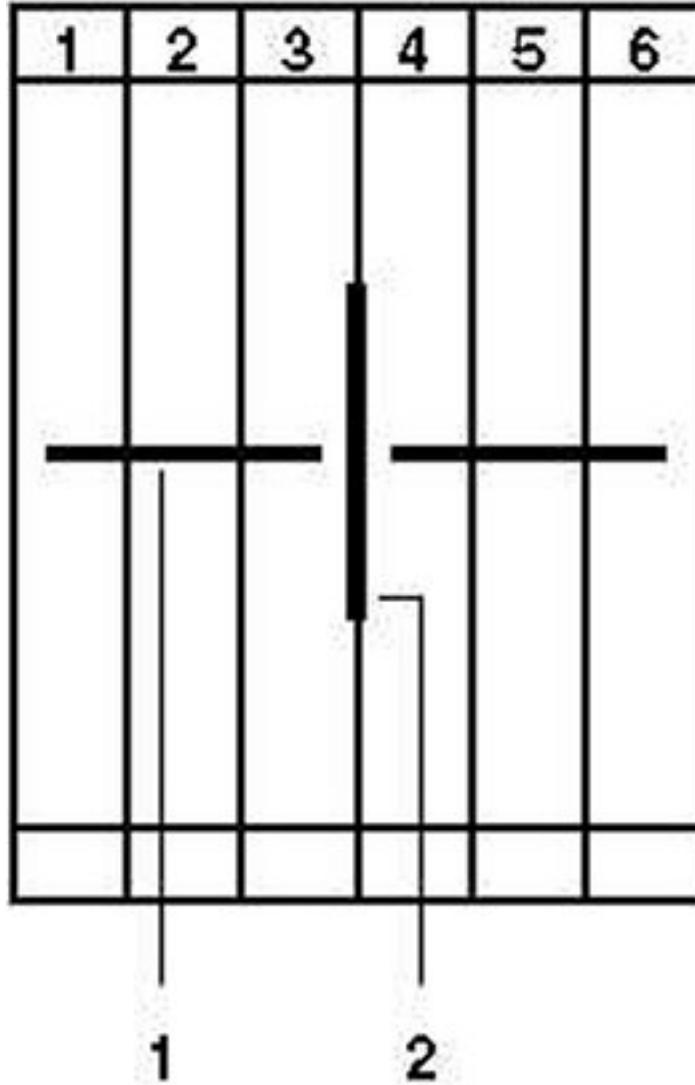
### Drawings

# Fuse modular terminal block - UK 6-FSI/C - 3118203

Circuit diagram



Circuit diagram



1 = fixed bridge  
2 = separating plate



## Fuse modular terminal block - UK 6-FSI/C - 3118203

Diagram

Derating curve UK 6-FSI/C (single arrangement)

- ① = Fuse insert 10 A
- ② = Fuse insert 20 A
- ③ = Fuse insert 30 A

