

## 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

### Why buy this product

- ✓ Can be bridged with FBI ... fixed bridge
- ✓ For the use of KFZ flat-type fuses from the FSI/C series

RoHS

### Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 100605
GTIN	4017918100605
Weight per Piece (excluding packing)	19.500 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### General

Number of levels	1
Number of connections	2
Nominal cross section	6 mm <sup>2</sup>
Color	black
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum power dissipation for nominal condition	1.31 W
Fuse	C
Fuse type	Flat
Rated surge voltage	4 kV
Degree of pollution	3

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

## Technical data

### General

Overvoltage category	III
Insulating material group	I
Maximum current with single arrangement	30 A (special arrangements on request)
Connection in acc. with standard	IEC 60947-7-3
Maximum load current	30 A
Nominal current $I_N$	30 A
Nominal voltage $U_N$	250 V
Open side panel	No
Number of positions	1
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3

### Dimensions

Width	8.2 mm
Length	64 mm
Height NS 35/7,5	53.8 mm
Height NS 35/15	61.3 mm
Height NS 32	58.8 mm

### 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 flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	6 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>

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### Technical data

#### Connection data

Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, 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
Internal cylindrical gage	A5
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.6 Nm

#### Standards and Regulations

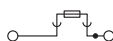
Connection in acc. with standard	CSA
	IEC 60947-7-3
Flammability rating according to UL 94	V0

#### Environmental Product Compliance

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

### Drawings

Circuit diagram



### Classifications

eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141116
eCl@ss 5.0	27141116

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### Classifications

#### eCl@ss

eCl@ss 5.1	27141116
eCl@ss 6.0	27141116
eCl@ss 7.0	27141116
eCl@ss 8.0	27141116
eCl@ss 9.0	27141116

#### ETIM

ETIM 2.0	EC000899
ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 5.0	EC000899
ETIM 6.0	EC000899

#### UNSPSC

UNSPSC 6.01	30211812
UNSPSC 7.0901	39121411
UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121410

### Approvals


#### Approvals

#### Approvals

CSA / UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized


#### Ex Approvals


#### Approval details


CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	13631
mm²/AWG/kcmil		26-8	
Nominal current I <sub>N</sub>		30 A	
Nominal voltage U <sub>N</sub>		32 V	


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

### Approvals

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
mm²/AWG/kcmil		26-8	
Nominal current IN		30 A	
Nominal voltage UN		300 V	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
mm²/AWG/kcmil		26-8	
Nominal current IN		30 A	
Nominal voltage UN		300 V	

EAC		7500651.22.01.00246
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EAC		EAC-Zulassung
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>
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### Accessories

#### Accessories

#### DIN rail

DIN rail perforated - NS 32 PERF 2000MM - 1201002



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

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

### Accessories

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

DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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

### Accessories

DIN rail perforated - 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, unperforated - 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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DIN rail, unperforated - 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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## Fuse modular terminal block - UK 6-FSI/C - 3118203

### Accessories

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



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

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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

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



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



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

### Accessories

DIN rail, unperforated - 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, unperforated - 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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End cap - NS 35/15 CAP - 1206573



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

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



DIN rail, unperforated, Width: 35 mm, Height: 15 mm, Length: 2000 mm, Color: silver

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End block

End clamp - CLIPFIX 35 - 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

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

### Accessories

End clamp - CLIPFIX 35-5 - 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

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End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

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End clamp - E/UK - 1201442



End clamp, Width: 9.5 mm, Height: 35.3 mm, Length: 50.5 mm, Color: gray

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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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### Insertion bridge

Insertion bridge - EB 2- 8 - 0202154



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

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

### Accessories

Insertion bridge - EB 3- 8 - 0202141



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

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Insertion bridge - EB 10- 8 - 0202138



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

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Insertion bridge - EB 4- 8 - 0202142



Insertion bridge, pitch: 8 mm, number of positions: 4, color: gray

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Insertion bridge - EB 1/3/5/7-8 - 3072340



Insertion bridge, pitch: 16.4 mm, length: 24 mm, width: 55.4 mm, number of positions: 4, pin assignment: 1, 3, 5, 7, color: gray

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Insertion bridge - EB 1/3/5-8 - 3072341



Insertion bridge, pitch: 16.4 mm, length: 24 mm, width: 39 mm, number of positions: 3, pin assignment: 1,3,5, color: gray

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Labeled terminal marker

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

### Accessories

#### 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 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

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#### 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

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#### Zack marker strip - ZB 8,LGS:FORTL.ZAHLEN - 1052015



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, 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,QR:FORTL.ZAHLEN - 1052028



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

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

### Accessories

Marker for terminal blocks - ZB 8,LGS:L1-N,PE - 1052413



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, 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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### Partition plate

Separating plate - TS-KK 3 - 2770215



Separating plate, length: 14 mm, width: 0 mm, height: 16 mm, color: gray

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### Screw bridge

Fixed bridge - FBI 2- 8 - 0200020



Fixed bridge, pitch: 8 mm, number of positions: 2, color: silver

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Fixed bridge - FBI 3- 8 - 0200059



Fixed bridge, pitch: 8 mm, number of positions: 3, color: silver

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Fixed bridge - FBI 4- 8 - 0200046



Fixed bridge, pitch: 8 mm, 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, pitch: 8 mm, number of positions: 10, color: silver

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Jumper - ISSBI 10- 8 - 0301534



Jumper, pitch: 8 mm, number of positions: 10, color: silver

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### Terminal marking

Marker card - SBS 8:UNBEDRUCKT - 1007235



Marker card, Card, white, unlabeled, can be labeled with: CMS-P1-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: CMS-P1-PLOTTER, PLOTMARK, 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 LED, CMS-P1-PLOTTER, PLOTMARK, 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 - UCT-TM 8 - 0828740



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

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### 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

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Fuse - SI FORM C 2 A - 0913689



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

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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

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

### Accessories

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

### Accessories

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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