

## UK 6-FSI/C

Order No.: 3118203



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

### Commercial data

EAN	4017918100605
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.020767 KG
Catalog page information	Page 311 (CL-2007)

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003



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### Technical data

#### General

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

**Dimensions**

Width	8.2 mm
Length	64 mm
Height NS 35/7,5	52 mm
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 voltage $U_N$	250 V
Maximum current with single arrangement	30 A (special arrangements on request)

**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>
Type of connection	Screw connection
Stripping length	10 mm
Internal cylindrical gage	A5
Screw thread	M 4
Tightening torque, min	1.5 Nm
Tightening torque max	1.6 Nm

### Certificates / Approvals

#### Approval logo



#### CSA

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

#### CUL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	30 A
AWG/kcmil	26-8

#### UL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	30 A
AWG/kcmil	26-8
Certification	CSA, CUL, UL

<b>Accessories</b>		
Item	Designation	Description
<b>Assembly</b>		
3022218	CLIPFIX 35	Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 mounting 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
1201442	E/UK	End clamp, for supporting the electronic base. If mounted vertically, 2 end clamps are required in each case
1201028	NS 32 AL UNPERF 2000MM	G rail 32 mm (NS 32)
1201280	NS 32 CU/120QMM UNPERF 2000MM	G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
1201358	NS 32 CU/35QMM UNPERF 2000MM	G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
1201002	NS 32 PERF 2000MM	G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m
1201015	NS 32 UNPERF 2000MM	G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m
0801762	NS 35/ 7,5 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m
0801733	NS 35/ 7,5 PERF 2000MM	DIN rail, material: Steel, perforated, height 7.5 mm, width 35 mm, length: 2 m
0801681	NS 35/ 7,5 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1201756	NS 35/15 AL UNPERF 2000MM	DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 mm, width 35 mm, length 2 m
1201895	NS 35/15 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m
1201730	NS 35/15 PERF 2000MM	DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m
1201714	NS 35/15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m
1201798	NS 35/15-2,3 UNPERF 2000MM	DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m
2770215	TS-KK 3	Separating plate, for electrical separation of neighboring bridges, can be fitted later, no loss of pitch, color: Gray
<b>Bridges</b>		
0202154	EB 2- 8	Insertion bridge, 2-pos., fully insulated
0202141	EB 3- 8	Insertion bridge, 3-pos., fully insulated
0202138	EB 10- 8	Insertion bridge, 10-pos., divisible, fully insulated

0200020	FBI 2- 8	Fixed bridge, for cross connections, with screws, screw heads without insulation, 2-pos.
0200059	FBI 3- 8	Fixed bridge, for cross connections, with screws, screw heads without insulation, 3-pos.
0200046	FBI 4- 8	Fixed bridge, for cross connections, with screws, screw heads without insulation, 4-pos.
0203263	FBI 10- 8	Fixed bridge, 10-pos., screw heads with insulating collar, divisible, with screws
0301534	ISSBI 10- 8	Isolator bridge bar, 10-position, divisible, with screws, for switchable branches

**Marking**

1007235	SBS 8:UNBEDRUCKT	Marker cards for modular terminal blocks, color: white
1050512	ZB 8:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

**Additional products**

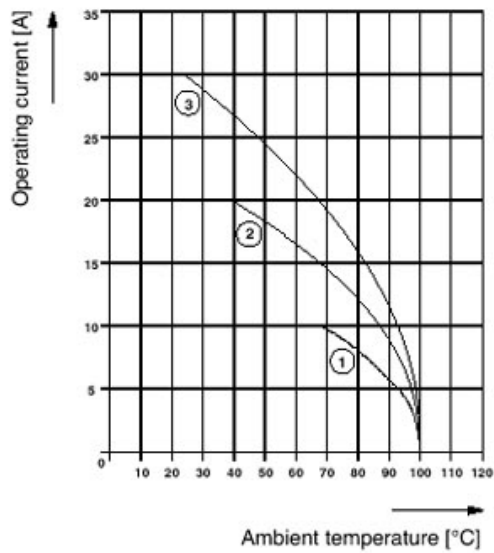
Item	Designation	Description
<b>Fuse</b>		
0913689	SI FORM C 2 A	Flat-type fuse insert (max. 32 V), nominal current 2 A, color: gray, not included in the ISO/DIS 8820/DIN 72581-3
0913773	SI FORM C 3 A DIN 72581	Flat-type fuse insert (max. 32 V), nominal current 3 A, DIN 72581, color: violet
0913731	SI FORM C 4 A DIN 72581	Flat-type fuse insert (max. 32 V), nominal current 4 A, DIN 72581, color: pink
0913692	SI FORM C 5 A DIN 72581	Flat-type fuse insert (max. 32 V), nominal current 5 A, DIN 72581, color: light brown
0913715	SI FORM C 10 A DIN 72581	Flat-type fuse insert (max. 32 V), nominal current 10 A, DIN 72581, color: red
0913676	SI FORM C 15 A DIN 72581	Flat-type fuse insert (max. 32 V), nominal current 15 A, DIN 72581, color: light blue
0913744	SI FORM C 20 A DIN 72581	Flat-type fuse insert (max. 32 V), nominal current 20 A, DIN 72581, color: yellow
0913757	SI FORM C 25 A DIN 72581	Flat-type fuse insert (max. 32 V), nominal current 25 A, DIN 72581, color: white
0913760	SI FORM C 30 A DIN 72581	Flat-type fuse inserts (max. 32 V), nominal current 30 A, DIN 72581, color: light green
0913702	SI FORM C 7,5 A DIN 72581	Flat-type fuse inserts (max. 32 V), nominal current 7.5 A, color: brown

## Drawings

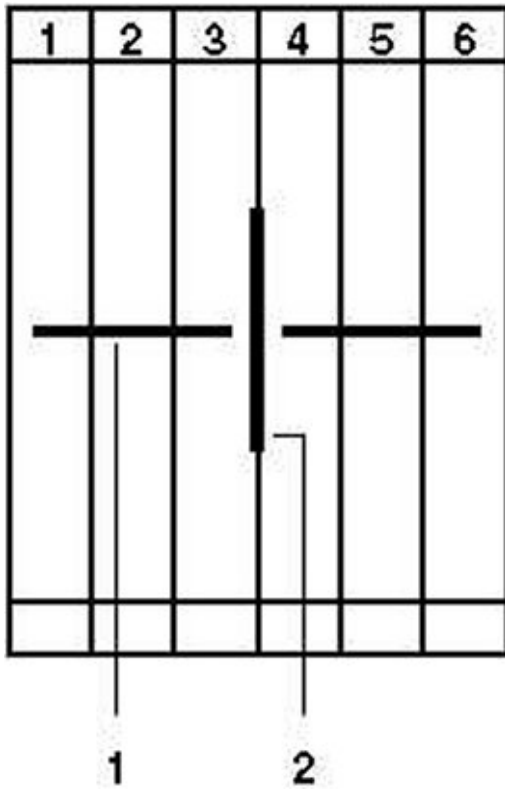
### Diagram

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

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



Circuit diagram



1 = fixed bridge  
2 = separating plate