

Fuse Terminal Blocks with Screw Cap UK 10-DREHSI

The fuse terminal block, **UK 10-DREHSI** with screw cap that can be bridged with the fixed bridge, FBI... is designed for 5 x 20, 5 x 25 or 6.3 x 32 mm fuses with or without indicator pin. The fuses are inserted in the terminal blocks together with the screw cap. The terminal block is available with a light indicator which signalizes when the fuse blows.


When selecting and using cartridge fuse inserts, IEC 127-6/DIN EN 60 127-6 should be observed.

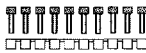



Attention:

The cartridge fuse holders should be selected according to the maximum power dissipation (self-heating) of the cartridge fuse inserts. Depending on the application and installation, the thermal conditions in enclosed fuse holders should be checked.

Higher ambient temperatures

are an additional strain on fuse inserts. In applications of this kind, the shift of the rated current should be taken into consideration accordingly.

Description	Light indicator Voltage [V AC/DC]	Current [mA]
Fuse terminal block , for mounting on  , for cartridge fuse inserts, 5 x 20, 5 x 25, and 6.3 x 32 mm, with or without indicator pin		
Fuse terminal block¹⁾ , as above, however, with light indicator for:	5 - 15	0.5 - 2.5
Fuse terminal block¹⁾ , as above, however, with light indicator for:	15 - 30	1 - 2.5
Fuse terminal block¹⁾ , as above, however, with light indicator for:	30 - 60	0.8 - 2
Fuse terminal block¹⁾ , as above, however, with light indicator for:	110 - 250	0.5 - 1.1

(1) Fixed bridge , for cross connections in the terminal center, screw heads with insulated collar, 10-position, divisible, with 10 screws	
(2) Insertion bridge , 10-position, divisible, insulated spine	
(3) Test plug socket , for test connection with test plug PS	
(4) Test plug socket, insulated , only used with FBI, for test connection with test plug PS	
(5) Zack strip , 10-section, white	

(6) Screwdriver

Dimensions

Width / length	[mm]	12 / 62
Height (NS 35:7.5 / NS 35:15 / NS 32)	[mm]	59 / 66.5 / 64

Technical data in accordance with IEC / DIN VDE

Fuse type / fuse dimensions	- / [mm]	G / 5 x 20 / 5 x 25 / 6.3 x 32
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Max. power dissipation

at 23 °C acc. to E DIN VDE 0611-6:1995-05	[W]	2)
Max. cross section with insertion bridge (solid / stranded)	[mm ²]	10 / 10
Rated surge voltage / contamination class	[kV] / -	4 / 3
Surge voltage category / insulation material group	- / -	III / I

Connection capacity

stranded with ferrule without / with plastic sleeve	[mm ²]	0.5 - 10 / 0.5 - 10
Multi-conductor connection (2 conductors with same cross section)		
solid / stranded	[mm ²]	0.5 - 4 / 0.5 - 4
stranded with ferrule without plastic sleeve	[mm ²]	0.5 - 4
stranded with TWIN ferrule with plastic sleeve	[mm ²]	0.5 - 10

Stripping length

	[mm]	11
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Internal cylindrical gage (IEC 947-1:1988)

	- / [Nm]	B 6
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Thread / torque

	- / [Nm]	M 4 / 1.5 - 1.8
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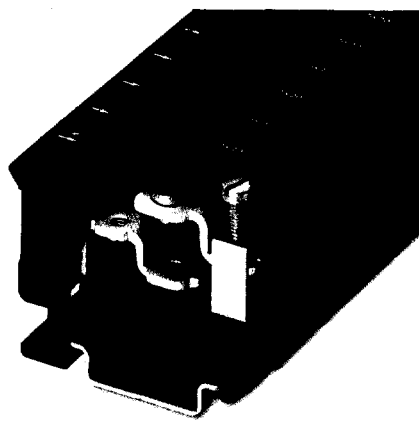
Insulation material

Inflammability class acc. to UL 94		PA
Temperature indices RTI / Ti		V2

Approval data (UL and CSA)

Nom. voltage / nom. current / conduc. sizes	UL: [V] / [A] / AWG	300 / 20 / 24 - 6
	CSA: [V] / [A] / AWG	300 / 20 / 22 - 6

¹⁾ Light indicator versions for other voltage ranges available on request.



UK 10-DREHSI

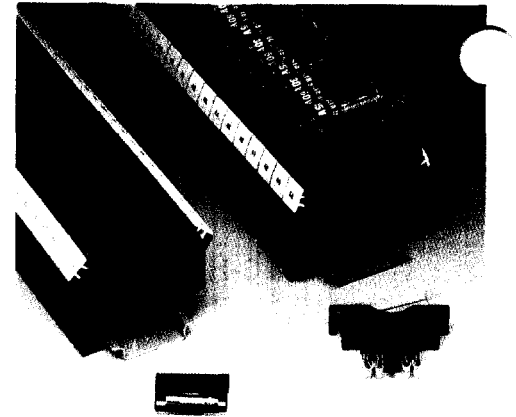
for cartridge fuse inserts

Terminal width 12 (IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
DIN VDE 0611 as disconnect terminal with fuse	0.5-16 0.5-16	0.5-16 0.5-16	20-6 20-6	10 2)	800 2)



Type	Order No.	Pcs. Pkt.
UK 10-DREHSI (5 x 20)	30 05 10 9	50
UK 10-DREHSI/K (5 x 25)	30 05 68 8	50
UK 10-DREHSI (6,3 x 32)	30 05 50 7	50
UK 10-DREHSILED 12 (5 x 20)	30 05 11 2	50
UK 10-DREHSILED 12 (6,3 x 32)	30 05 63 3	50
UK 10-DREHSILED 24 (5 x 20)	30 05 13 8	50
UK 10-DREHSILED 24 (6,3 x 32)	30 05 64 6	50
UK 10-DREHSILED 60 (5 x 20)	30 05 15 4	50
UK 10-DREHSILED 60 (6,3 x 32)	30 05 65 9	50
UK 10-DREHSILA 250 (5 x 20)	30 05 17 0	50
UK 10-DREHSILA 250 (6,3 x 32)	30 05 66 2	50
FBI 10-12	I_{max}: 63 A 02 03 45 4	10
EB 10-12	I_{max}: 63 A 30 06 13 7	10
PSB 4/7/6	03 03 29 9	100
PSBJ 4/15/6:... (order data, see page 316)		
ZB 8 (order data, see page 263)		
SZS 1,0 x 4,0	12 05 06 6	10

Plug-in Fuse Terminal Blocks UK-SI and USIG



In the case of the 8 mm wide fuse terminal block, UK-SI, the 20 and 25 mm long cartridge fuse inserts are contacted in the terminal block by means of a simple plug made of insulating material.

The 10 mm wide fuse terminal blocks are divided into USIG base terminal blocks and fuse plugs in order to reduce stock volume. The simple fuse plug, ST-SI is designed in such a way that the fine fuse sizes 5 x 20, 5 x 25 und 5 x 30 mm can be employed. The 6.3 x 32 mm cartridge fuses are used with the ST1-SI fuse plug. A cover plate protects against dust and shock. The fuse plugs with ST-SILA light indicator or ST1-SILA signalize when the fuse has blown.

²⁾ see table page 163 (the current is determined by the fuse, the voltage by the light indicator.).