

**UK 3D-MSTBV-5,08**

Pitch 5.08



End cover width 2.0

	(IEC)	rigid	flexible	I	U	
	[mm <sup>2</sup> ]	solid	stranded	AWG	[A]	[V]
Connection data	0.2-4	0.2-2.5	24-12	24/12**	250*	





\* Is determined by LED for terminal block with light indicator.





**MSTB connection	12 A
Through current	24 A
Total terminal block current	24 A



Description	Light indicator: Voltage: [V DC]	Current [mA]	Type	Order No.	Pcs. Pkt.
<b>Terminal block</b> , with universal foot for mounting on  or  , with one vertical plug connection, color: gray			<b>UK 3D-MSTBV-5,08</b>	<b>30 02 13 1</b>	50
<b>Terminal block</b> , as above, however, with red light indicator, color: gray	24	3.3	UK 3D-MSTBV-5,08-LA 24 RD	<b>30 02 14 4</b>	50
<b>Flange terminal block</b> , fitted on the left and right of UK 3-MVSTB for reliable screw connection to the plugs with screw flanges, color: gray			<b>UK 3D-MSTBV-5,08-F</b>	<b>30 02 65 2</b>	50
<b>Input terminal block</b> , for the common return busbar, color: blue			<b>UK 3D-MSTBV-5,08/EK</b>	<b>30 02 17 3</b>	50

**Accessories**

<b>End cover</b> , color: gray		<b>D-UK 3D-MSTBV-5,08</b>	<b>30 02 18 6</b>	50
(1) <b>Common return busbar</b> , brass, tin-plated, up to 10 A, length: 0.5 m		<b>RS-KDS 2,5-LA</b>	<b>17 05 12 6</b>	1
(3) <b>Fixed bridge bar</b> , for cross connections in the terminal center, 10-position, with 10 screws, with crimped-on rollers		<b>FBRI 10-5 N<sup>1)</sup></b>	$I_{max} \dots 24 \text{ A}$	<b>27 70 64 2</b> 10
(4) <b>Insertion bridge</b> , 2-position, fully insulated		<b>EBL 2-5<sup>2)</sup></b>	$I_{max} \dots 26 \text{ A}$	<b>23 03 14 5</b> 100
3-position, fully insulated		<b>EBL 3-5<sup>2)</sup></b>	$I_{max} \dots 26 \text{ A}$	<b>23 03 15 8</b> 100

(5) <b>Separating plate</b> , for electrical separation of neighboring bridges, can be fitted later, no loss of pitch		<b>TS-KK 3</b>	<b>27 70 21 5</b>	100
(6) <b>Screwdriver</b> , blade: 0.6 x 3.5 x 100 mm, length: 180 mm		<b>SZS 0,6 x 3,5</b>	<b>12 05 05 3</b>	10
(7) <b>Zack strip</b> , 10-section, white		<b>ZB 5</b> (see <a href="#">info</a> )		
<b>Mounting rail</b> , 32 x 15 mm, EN 50 035, length 2 m		<b>NS 32 UNPERFORATED</b>	<b>12 01 01 5</b>	1
35 x 7.5 mm, EN 50 022, length 2 m		<b>NS 35/7,5 UNPERFORATED</b>	<b>08 01 68 1</b>	1

**Technical data****Dimensions**

Pitch [mm] see description

Pitch [mm] 5.08

**Technical data in accordance with IEC / DIN VDE**

Insulation material group	–		I	
Surge voltage category / contamination class	–/–	III / 3	III / 2	II / 2
Rated voltage	[V]	320*	320*	630*
Rated surge voltage	[kV]	4	4	4
Nominal current / cross section	[A]/[mm <sup>2</sup> ]		12 / 2.5	
Maximum load current / cross section	[A]/[mm <sup>2</sup> ]		12 / 4	

**Connection capacity**

solid / stranded / conductor sizes	[mm <sup>2</sup> ]/[mm <sup>2</sup> ]/AWG	0.2 - 4 / 0.2 - 2.5 / 24 - 12
stranded with ferrules without / with plastic collar	[mm <sup>2</sup> ]	0.25 - 2.5 / 0.25 - 1.5

**Multiple connection (2 conductors with same cross section)**

solid / stranded	[mm <sup>2</sup> ]	0.2-1.5 / 0.2-1
stranded with ferrules without plastic collar	[mm <sup>2</sup> ]	0.25 -0.5
stranded with TWIN ferrules with plastic collar	[mm <sup>2</sup> ]	0.5 - 1

**Stripping length** [mm] 8**Internal cylindrical gage (IEC 947-1:1988)** – A 3**Thread** – M 3**Torque** [Nm] 0.5 - 0.6**Insulation material** PA

Inflammability class acc. to UL 94 V2

Temperature indices RTI/Ti 125/100

**Approval data (UL and CSA)**

Nominal voltage / current / conductor sizes UL: [V] / [A] / AWG 300 / 20 / 30 - 12

CSA: [V] / [A] / AWG 300 / 20 / 28 - 12

**Articles printed in bold can be delivered at short notice.**

**Note:**

It is recommended to fit end covers between the individual terminal block groups in order to guard against mismatching.

Only use plug groups with up to max. 20 positions, due to the serial tolerance of the terminal blocks. Only plugs with a 5.08 mm pitch fit.

Only actuate COMBICON plug connectors when under no load condition. If for operating reasons small loads must be switched, experimental values are available on request.

- <sup>1)</sup> Does not fit on NS 35/15-2,3 mounting rail.
- <sup>2)</sup> Over max. 5 terminal blocks
- <sup>3)</sup> Reduces connection cross section to 1.5 mm<sup>2</sup> stranded.

**Dimensional drawing**