Insulated spade terminals, KWI type

FEATURES & BENEFITS

- spade terminal Cu, as per DIN, with polyamide insulating sleeve, marked with screw size and cable cross-section
- insulating sleeve: enhances resistance to vibrations, mitigates short-circuit risk, facilitates cable installation
- sleeve colours facilitate cross-section identification
- soldered seam of the tubular part



APPLICATION

In low-current power supply systems with a rated voltage of up to 1 kV, control systems, equipotential bonding systems, and grounding systems.

MECHANICAL DATA

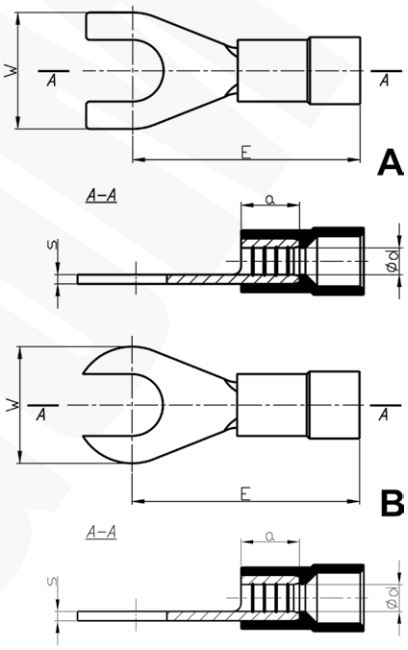
Insulation	polyamide 6.6
Material	Cu
Surface	tin-plated
Operating temperature [°C]	-30 ÷ +95

CERTIFICATES & STANDARDS

Design	DIN 46237 – concerns only the tubular part
Type Approval Certificate PRS	TE/1137/880567/25

NOTE!

For crimping cable terminals with cross-sections of 0,5-6 mm², the recommended professional crimping tool is the WZP 6I/0,5-6, and for cross-sections of 10 mm² and above, the KP22-IU dies. The crimp shape is “oval.”



Type	Index Ergom	Cross-section [mm²]	Insulation colour	Screw hole	Design	DIN	d	s	a	E	W	Quantity in package [pcs]	Weight [kg]
KWI 0,5/2 (100 PCS)	E09KO-02030100101	0,2÷0,5	yellow	M 2	A	–	1,0	0,5	4	12,0	5,0	100	0,03
KWI 0,5/3 (100 PCS)	E09KO-02030100301			M 3									
KWI 0,5/3,5 (100 PCS)	E09KO-02030100401			M 3,5						15,0	6,0		
KWI 0,5/4 (100 PCS)	E09KO-02030100501			M 4							6,5		
KWI 0,5/5 (100 PCS)	E09KO-02030100601			M 5							8,0		0,04
KWI 1/2,5 (100 PCS)	E09KO-02030100700	0,75÷1	red	M 2,5	A	√	1,6	0,8	5	16,0	6,0	100	0,07
KWI 1/3 (100 PCS)	E09KO-02030100800			M 3									
KWI 1/3,5 (100 PCS)	E09KO-02030100900			M 3,5									0,08
KWI 1/4 (100 PCS)	E09KO-02030101000			M 4						17,0	8,0		
KWI 1/4 W (100 PCS)	E09KO-02030200100					–					6,9		0,07
KWI 1/5 (100 PCS)	E09KO-02030101100			M 5		√				18,0	10,0		0,09
KWI 1/6 (100 PCS)	E09KO-02030101200			M 6		–							
KWI 1/8 (100 PCS)	E09KO-02030101300			M 8	B					19,2	14,0		0,12
KWI 1/10 (100 PCS)	E09KO-02030101400			M 10						22,3			0,11

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Type	Index Ergom	Cross-section [mm²]	Insulation colour	Screw hole	Design	DIN	d	s	a	E	W	Quantity in package [pcs]	Weight [kg]
KWI 2,5/3 (100 PCS)	E09KO-02030101500	1,5÷2,5	blue	M 3	A	√	2,3	0,8	5	17,0	6,0	100	0,08
KWI 2,5/3,5 (100 PCS)	E09KO-02030101600			M 3,5									
KWI 2,5/4 (100 PCS)	E09KO-02030101700			M 4		–				18,0	8,0		0,09
KWI 2,5/4 W (100 PCS)	E09KO-02030200400										6,9		0,08
KWI 2,5/5 (100 PCS)	E09KO-02030101800			M 5		√				20,0	10,0		0,11
KWI 2,5/6 (100 PCS)	E09KO-02030101900			M 6						22,0	11,0		0,12
KWI 2,5/8 (100 PCS)	E09KO-02030102000			M 8	B	–				20,2	14,0		0,13
KWI 2,5/10 (100 PCS)	E09KO-02030102100			M 10						23,3	18,0		0,16
KWI 2,5/12 (100 PCS)	E09KO-02030102200			M 12						25,7			0,13
KWI 6/3,5 (100 PCS)	E09KO-02030102300	4÷6	yellow	M 3,5	A	–	3,6	1,0	6	20,0	8,0	100	0,17
KWI 6/4 (100 PCS)	E09KO-02030102400			M 4		√							0,16
KWI 6/5 (100 PCS)	E09KO-02030102500			M 5						21,0	10,0		0,18
KWI 6/6 (100 PCS)	E09KO-02030102600			M 6						22,0	11,0		
KWI 6/8 (100 PCS)	E09KO-02030102700			M 8						25,0	14,0		0,23
KWI 6/10 (100 PCS)	E09KO-02030102800			M 10	B					27,0	18,0		0,27
KWI 10/5 (100 PCS)	E09KO-02030102900	10	red	M 5	B	–	4,5	1,1	8	24	10	100	0,26
KWI 10/5 (10 PCS)	E09KO-02030102902					–						10	0,03
KWI 10/6 (100 PCS)	E09KO-02030103000			M 6		–				25	11	100	0,27
KWI 10/6 (10 PCS)	E09KO-02030103002					–						10	0,03
KWI 10/8 (100 PCS)	E09KO-02030103100			M 8		–				28	14	100	0,3
KWI 10/8 (10 PCS)	E09KO-02030103102					–						10	0,03
KWI 10/10 (100 PCS)	E09KO-02030103200			M 10		–				29	18	100	0,36
KWI 10/10 (10 PCS)	E09KO-02030103202					–						10	0,04
KWI 16/5 (100 PCS)	E09KO-02030103300	16	blue	M 5	B	–	5,8	1,2	10	30	11	100	0,45
KWI 16/5 (10 PCS)	E09KO-02030103302					–						10	0,05
KWI 16/6 (100 PCS)	E09KO-02030103400			M 6		–						100	0,44
KWI 16/6 (10 PCS)	E09KO-02030103402					–						10	0,05
KWI 16/8 (100 PCS)	E09KO-02030103500			M 8		–				34	18	100	0,49
KWI 16/8 (10 PCS)	E09KO-02030103502					–						10	0,05
KWI 16/10 (100 PCS)	E09KO-02030103600			M 10		–						100	0,55
KWI 16/10 (10 PCS)	E09KO-02030103602					–						10	0,06

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