Weidmüller

Innovative ideas
for panel building
Let's connect.

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Let's connect.

Terminal blocks Klippon® Connect

Extra efficiency in planning, installation and operation

Whether it is simple handling, more space in the panel or time saving on installation: Klippon® Connect offers numerous benefits for your panel building process.
Our completely restructured terminal block range includes a new PUSH IN terminal block family, the A-Series, with customised application products and services for the entire engineering process.

The universal range – flexible and versatile to use

The Klippon® Connect universal range is a complete range of standard products including all conventional connection technologies and functions.

Finely stranded — max.

Wire-end ferrule with plastic collars

with wire-end ferrules, finely stranded, crimped with plastic collars (acc. to DIN 46228 Part IV)

		Ø in mm	Order No.	Colour
1.5 mm²	W- and Z-Series 0.25 - 0.75 mm²	Ø 0.25	9025760000	
		Ø 0.34	9025770000	
		Ø 0.5	9025870000	
		Ø 0.75	9025860000	
	PUSH IN 0.5 - 2.5 mm²	Ø 0.5	1076980000	
		Ø 0.75	9025910000	
		Ø 1.0	9025930000	
		Ø 1.5	9019140000	
		Ø 2.5	9019170000	
2.5 mm²	W- and Z-Series 0.25 - 2.5 mm²	Ø 0.25	9025760000	
		Ø 0.34	9025770000	
		Ø 0.5	9025870000	
		Ø 0.75	9025860000	
		Ø 1.0	9025950000	
		Ø 1.5	0635100000	
		Ø 2.5	9019170000	
	PUSH IN 0.5 - 2.5 mm²	Ø 0.5	1076980000	
		Ø 0.75	9025910000	
		Ø 1.0	9025930000	
		Ø 1.5	9019140000	
		Ø 2.5	9019170000	
4 mm²	W- and Z-Series 4 mm²	Ø 0.5	9025870000	
		Ø 0.75	9025860000	
		Ø 1.0	9025950000	
		Ø 1.5	0635100000	
		Ø 2.5	9019170000	
		Ø 4.0	9019190000	
	PUSH IN 4 mm²	Ø 0.75	9025910000	
		Ø 1.0	9025930000	
		Ø 1.5	9019140000	
		Ø 2.5	9019170000	
		Ø 4.0	9019200000	
6 mm²	W- and Z-Series 6 mm²	Ø 0.75	9025860000	
		Ø 1.0	9025930000	
		Ø 2.5	9019170000	
		Ø 4.0	9019200000	
		Ø 6.0	0533500000	
	PUSH IN 6 mm²	Ø 1.0	9025930000	
		Ø 1.5	0635100000	
		Ø 2.5	9019170000	
		Ø 4.0	9019200000	
		Ø 6.0	0533500000	

Wire-end ferrule

Finely-stranded, crimped with wire-end ferrules (acc. to DIN 46228 Part I)

		Ø in mm	Order No.	Colour
1.5 mm²	W- and Z-Series 0.5 - 0.75 mm²	Ø 0.5	0690700000	
		Ø 0.75	0462900000	
2.5 mm²	W- and Z-Series 0.5 - 2.5 mm²	Ø 0.5	9025870000	
		Ø 0.75	9025860000	
		Ø 1.0	9025950000	
		Ø 1.5	0635100000	
		Ø 2.5	9019170000	
4 mm²	W- and Z-Series 4 mm²	Ø 0.5	1076980000	
		Ø 0.75	9025910000	
		Ø 1.0	9025930000	
		Ø 1.5	0635100000	
		Ø 2.5	9019170000	
		Ø 4.0	9019200000	
6 mm²	W- and Z-Series 6 mm²	Ø 0.5	1076980000	
		Ø 0.75	9025910000	
		Ø 1.0	9025930000	
		Ø 1.5	0635100000	
		Ø 2.5	9019170000	
		Ø 4.0	9019200000	
		Ø 6.0	0533500000	

PUSH IN connection (A-Series)

	Figure	Type	Order No.
A2C 1.5 - ..., A4C 1.5... 2 C		beige	1552790000
		blue	1552820000
		green/yellow PE	1552680000
		End plate	1552600000
A2C 1.5 - ..., A4C 1.5... 3 C		beige	1552740000
		blue	1552770000
		green/yellow PE	1552670000
		End plate	1552620000
A2C 1.5 - ..., A4C 1.5... 4 C		beige	1552690000
		blue	1552700000
		green/yellow PE	1552660000
		End plate	1552640000
A2C 2.5 - ..., A4C 2.5... 2 C		beige	1521950000
		blue	1521880000
		green/yellow PE	1521680000
		End plate	1514400000
A2C 2.5 - ..., A4C 2.5... 3 C		beige	1521740000
		blue	1521780000
		green/yellow PE	1521670000
		End plate	1521510000
A2C 2.5 - ..., A4C 2.5... 4 C		beige	1521690000
		blue	1521700000
		green/yellow PE	1521540000
		End plate	1521530000
A2T 2.5... 4 C		beige	1547640000
		blue	1547620000
		green/yellow PE	1547680000
		End plate	1547690000
A2C 4 - ..., A4C 4... 2 C		beige	2051180000
		blue	2051210000
		green/yellow PE	2051360000
		End plate	2051680000
A2C 4 - ..., A4C 4... 3 C		beige	2051240000
		blue	2051280000
		green/yellow PE	2051410000
		End plate	2051720000
A2C 4 - ..., A4C 4... 4 C		beige	2051500000
		blue	2051520000
		green/yellow PE	2051560000
		End plate	2051900000
A2C 6 - ..., A3C 6... 2 C		beige	1992110000
		blue	1991790000
		green/yellow PE	1991810000
		End plate	1991970000
A2C 6 - ..., A3C 6... 3 C		beige	1991820000
		blue	1991830000
		green/yellow PE	1991850000
		End plate	1991940000

Tension clamp connection (Z-Series)

	Figure	Type	Order No.
ZDU 1.5 2 AN		beige	1775480000
		blue	1775490000
		green/yellow PE	1775510000
		End plate	1776030000
ZDU 1.5 3 AN		beige	1775530000
		blue	1775540000
		green/yellow PE	1775560000
		End plate	1776060000
ZDU 1.5 4 AN		beige	1775580000
		blue	1775600000
		green/yellow PE	1775620000
		End plate	1776090000
ZDU 2.5 2 AN		beige	1608510000
		blue	1608520000
		green/yellow PE	1608640000
		End plate	1608740000
ZDU 2.5 3 AN		beige	1608540000
		blue	1608550000
		green/yellow PE	1608650000
		End plate	1608770000
ZDU 2.5 4 AN		beige	1608570000
		blue	1608580000
		green/yellow PE	1608660000
		End plate	1608800000
ZDK 2.5 4 AN		beige	1674300000
		blue	1678630000
		green/yellow PE	1690000000
		End plate	1674730000
ZDU 4 2 AN		beige	1632050000
		blue	1632060000
		green/yellow PE	1632080000
		End plate	1632090000
ZDU 4 3 AN		beige	7904180000
		blue	7904190000
		green/yellow PE	7904170000
		End plate	7904100000
ZDU 4 4 AN		beige	7904290000
		blue	7904300000
		green/yellow PE	7904280000
		End plate	7904210000
ZDU 6 2 AN		beige	1608620000
		blue	1608630000
		green/yellow PE	1608670000
		End plate	1608830000
ZDU 6 3 AN		beige	7907410000
		blue	7907420000
		green/yellow PE	7907400000
		End plate	7907370000

Clamping yoke connection (W-Series)

	Figure	Type	Order No.
WDU 1.5 2 AN			
WDU 1.5 3 AN			
WDU 1.5 4 AN		beige	1031400000
		blue	1031480000
		green/yellow PE	1016500000
		End plate	1050000000
WDU 2.5 2 AN		beige	1020000000
		blue	1020080000
		green/yellow PE	1010000000
		End plate	1050000000
WDU 2.5 3 AN			
WDU 2.5 4 AN			
WDK 2.5 4 AN		beige	1021500000
		blue	1021580000
		green/yellow PE	1036300000
		End plate	1059100000
WDU 4 2 AN		beige	1020100000
		blue	1020180000
		green/yellow PE	1010100000
		End plate	1050000000
WDU 4 3 AN		beige	1905140000
		green/yellow PE	1905120000
		End plate	1905070000
WDU 4 4 AN		beige	1905060000
		green/yellow PE	1905130000
		End plate	1905070000
WDU 6 2 AN		beige	1020200000
		blue	1020280000
		green/yellow PE	1010200000
		End plate	1050000000
WDU 6 3 AN			

Pluggable cross-connector

		Type	No. of poles	Order No.	Suitable for
PUSH IN connection (A-Series) / Tension clamp connection (Z-Series) / Clamping yoke connection (W-Series)	ZDU 1.5	ZDV 1.5N/2	2	1985410000	A2C 1.5 – A4C 1.5 WDU 1.5...
		ZDV 1.5N/3	3	1985480000	
		ZDV 1.5N/4	4	1985490000	
		ZDV 1.5N/10	10	1985580000	
		ZDV 1.5/2	2	1776120000	ZDU 1.5..., ZDK 1.5
		ZDV 1.5/3	3	1776130000	
		ZDV 1.5/4	4	1776140000	
		ZDV 1.5/10	10	1776200000	
	ZDV 2.5	ZDV 2.5N/2	2	1527540000	A2C 2.5 – A4C 2.5 A2T 2.5..., WDU 1.5 ZZ..., WDU 2.5 - ..., WDK 2.5 - ...
		ZDV 2.5N/3	3	1527570000	
		ZDV 2.5N/4	4	1527590000	
		ZDV 2.5N/10	10	1527690000	
		ZDV 2.5/2	2	1608860000	ZDU 2.5 - ..., ZDK 2.5
		ZDV 2.5/3	3	1608870000	
		ZDV 2.5/4	4	1608880000	
		ZDV 2.5/10	10	1608940000	
	ZDV 4	ZDV 4N/2	2	1527930000	A2C 4..., A4C 4... WDU 4...
		ZDV 4N/3	3	1527940000	
		ZDV 4N/4	4	1527970000	
		ZDV 4N/10	10	1528090000	
		ZDV 4/2 GE	2	1608950000	ZDU 4 - ..., ZDK 4
		ZDV 4/3 GE	3	1608960000	
		ZDV 4/4 GE	4	1608970000	
		ZDV 4/10 GE	10	1609030000	
	ZDV 6	ZDV 6N/2	2	1985740000	A2C 6 ... A3C 6 WDU 6...
		ZDV 6N/3	3	1985760000	
		ZDV 6N/4	4	1985780000	
		ZDV 6/2 GE	2	1627850000	ZDU 6
		ZDV 6/3 GE	3	1627860000	
		ZDV 6/4 GE	4	1608990000	
		ZDV 6/10 GE	10	1609030000	

Screwable cross-connector

		Type	No. of poles	Order No.	Suitable for
Clamping yoke connection (W-Series)	WQV 2.5	WQV 2.5/2	2	1053660000	WDU 2.5, WDK 2.5
		WQV 2.5/3	3	1053760000	
		WQV 2.5/4	4	1053860000	
		WQV 2.5/10	10	1054460000	
	WQV 4	WQV 4/2	2	1051960000	WDU 4
		WQV 4/3	3	1054560000	
		WQV 4/10	10	1052060000	
	WQV 6	WQV 6/2	2	1052360000	WDU 6
		WQV 6/3	3	1054760000	

Fixing

Designation	Qty.	Order No.
AEB 35 SC/1 – End bracket	50	1991920000
ZEW – End bracket	20	8630740000
WEW – End bracket – screwed	50	1059000000
TS 35 – Mounting rail – with slots	2 m	0514500000

Markers (MultiCard) DEK, WS and ZS (white)

Type	Pitch	Qty.	Order No.
DEK 5/3.5 PLUS MC	3.5 mm	1,600	2003750000
DEK 5/5 PLUS MC	5 mm	1,000	1854490000
DEK 5/6 PLUS MC	6 mm	1,000	1011320000
DEK 5/6.5 PLUS MC	6.5 mm	900	1046340000
DEK 5/8 PLUS MC	8 mm	800	1046350000
WS 10/3.5 PLUS MC	3.5 mm	960	2003760000
WS 8/5 PLUS MC	5 mm	600	1951870000
WS 10/5 MC	5 mm	720	1635000000
WS 10/5 PLUS MC	5 mm	600	1046380000
WS 10/5 M PLUS MC	5 mm	600	2003770000
WS 12/5 PLUS MC	5 mm	600	1927510000
WS 8/6 PLUS MC	6 mm	600	1951880000
WS 10/6 MC	6 mm	600	1828450000
WS 10/6 PLUS MC	6 mm	600	1046390000
WS 10/6 M PLUS MC	6 mm	600	2003780000
WS 12/6 PLUS MC	6 mm	600	1927530000
WS 10/8 PLUS MC	8 mm	420	1905950000
WS 12/8 PLUS MC	8 mm	420	1906000000
ZS 10/5 MC	5 mm	480	1610000000
ZS 15/5 MC	5 mm	480	1646630000
ZS 12/6 MC	6 mm	400	1610020000

Markers (MultiMark) DEK and WS (white)

Type	Qty.	Order No.
DEK 5/3.5 MM WS	1,000	2007100000
DEK 5/5 MM WS	800	2007110000
DEK 5/6 MM WS	600	2007120000
DEK 5/8 MM WS	500	2007130000
WS 8/3.5 MM WS	1,000	2007140000
WS 8/5 MM WS	800	2007150000
WS 8/6 MM WS	600	2007160000
WS 8/8 MM WS	500	2007170000
WS 12/3.5 MM WS	1,000	2007180000
WS 12/5 MM WS	800	2007190000
WS 12/6 MM WS	600	2007200000
WS 12/8 MM WS	500	2007210000

The application range – application specific and tailor-made

There are requirements in panel building that are an integral part of almost any area of use. We've closely examined them to make your work easier for you. The result of our efforts is our new, innovative Klippon® Connect application product range.

Setting signals in the panel
Klippon® Connect offers all the benefits required for structured wiring of initiator and actuator signals. The simple handling and the maximum flexibility in the choice of design meets the requirements for reliable signal wiring simply, efficiently and safely.

Safely supply equipment
For complex wiring projects in confined spaces, we offer a future-oriented strategy for central potential distribution with direct wiring option for all the device's plus and minus potentials. This means that Klippon® Connect makes planning and implementing your control voltage distribution system considerably more productive.

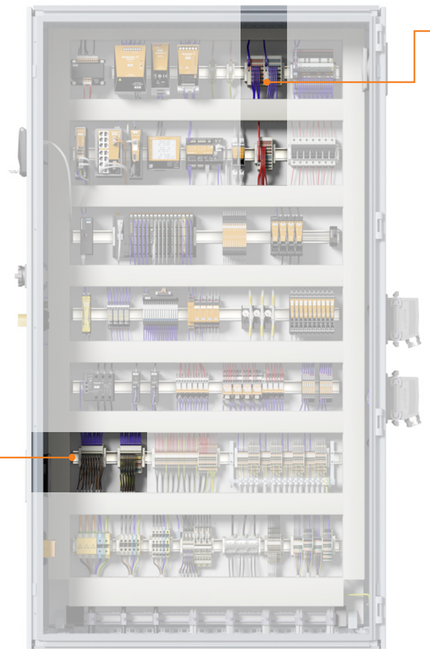
Signal wiring

		Figure	Type	Connections	Cross section	Order No.
3-conductor initiators	Without PE		AI021 1.5 SI	4	1.5 mm²	1992260000
			AI021 1.5 SO	3	1.5 mm²	1992240000
			End plate AEP AIO 21			1993590000
	With PE		AI021 1.5 SO-PE	4	1.5 mm²	1992250000
			End plate AEP AIO 21			1993580000
			AIO22 1.5 SI-PE	5	1.5 mm²	1992230000
			End plate AEP AIO 22			1993590000
4-conductor initiators	Without PE		AIO23 1.5 2SI	6	1.5 mm²	1992220000
	With PE		End plate AEP AIO 23			1993600000

Slim design
- High wiring density thanks to narrow 3.5 mm width
- Up to 4 different potentials on a terminal block

Coloured pusher
- Separate colour for each conductor, plus, minus, signal or PE
- Quicker installation and avoidance of wiring mistakes

Testing and checking point
- Consistent test and check point for each contact point
- Time-saving testing of different potentials in the panel



Control voltage distribution

Space saving
- Plus and minus potentials on one terminal
- Less space required than with conventional designs

Cross-connectors
- Flexible potential distribution thanks to 2 consistent cross-connection channels
- Simplified adaptation and labelling of cross-connectors

Coloured pusher
- Potentials are easy to tell apart
- Quicker installation and avoidance of wiring mistakes

		Figure	Type	Connections	Cross section	Order No.
Grouped from 6 mm² on 1.5 mm²	Feed-in		AAP11 6 LD RD	1	6 mm²	1989780000
			AAP11 6 LD BL	1	6 mm²	1988130000
			AAP11 6 FE	1	6 mm²	1988140000
			End plate AEP AAP 11			1988320000
	Distribution		AAP11 1.5 LI RD	6	1.5 mm²	1988160000
			AAP11 1.5 LI BL	6	1.5 mm²	1988170000
			End plate AEP AAP 11			1988320000
Grouped from 10 mm² on 2.5 mm²	Feed-in		AAP12 10 LD RD	1	10 mm²	1988190000
			AAP12 10 LD BL	1	10 mm²	1988180000
			AAP12 10 FE	1	10 mm²	1988200000
			End plate AEP AAP12			1988300000
	Distribution		AAP12 2.5 LI RD	5	2.5 mm²	1988290000
			AAP12 2.5 LI BL	5	2.5 mm²	1988100000
			End plate AEP AAP12			1988300000
Alternating from 6 mm² on 1.5 mm²	Feed-in		AAP13 6 LD-LD	2	6 mm²	1988260000
			AAP13 6 FE-LD	2	6 mm²	1988270000
			End plate AEP AAP 13			1990140000
	Distribution		AAP13 1.5 LI-LI	6	1.5 mm²	1988280000
			End plate AEP AAP 13			1990140000
Alternating from 10 mm² on 2.5 mm²	Feed-in		AAP14 10 LD-LD	2	10 mm²	1988250000
			AAP14 10 FE-LD	2	10 mm²	1988240000
			End plate AEP AAP14			1988340000
	Distribution		AAP14 2.5 LI-LI	4	2.5 mm²	1988230000
			End plate AEP AAP14			1988340000

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