

Klippon® Connect Selection Guide

More efficient planning, installation and operation



Klippon® Connect

Weidmüller 



Standardized implementation of efficient solutions

Klippon® Connect universal products with PUSH IN technology

Ever more efficiency is required in installation as a result of growing competitive and cost-related pressure. Innovative connection solutions that offer both minimal installation time and maximum safety for users and equipment alike are very much in demand here.

With their simple handling and compact yet clear design, our Klippon® Connect A-Series PUSH IN terminal blocks allow you to benefit from faster installation times and, in turn, from much higher productivity. Subsequent modifications and rewiring are possible using the simple functional principle and the two-sided, spring-loaded mounting foot without the need for any special tools. And safety is not neglected either: the innovative, spring-based direct insertion also guarantees vibration-resistant, gas-tight contacts even in challenging applications.

With our sophisticated and function-oriented Klippon® Connect universal products, you can address every requirement under the same standard.

Your special advantages:

Take advantage of all the benefits of the PUSH IN technology

The innovative PUSH IN technology of the new Klippon® Connect A-Series reduces connection times for solid wires and wires with crimped on wire-end ferrules. They can be directly connected without tools for speed and safety. Colored pushers prevent incorrect wiring and speed up the installation process.

Check and test point

The standardized check and test point simplifies wiring tests and trouble-shooting at every level.



Integrated cross-connectors Integrated cross-connection channels increase flexibility and shorten wiring times for panel building. All cross-connectors can be adapted and marked easily.



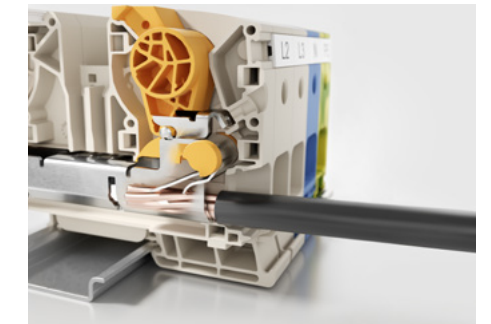
Efficient markers

Large marking surfaces at each contact point simplify circuit allocation. The new marker strips make labeling more effective.



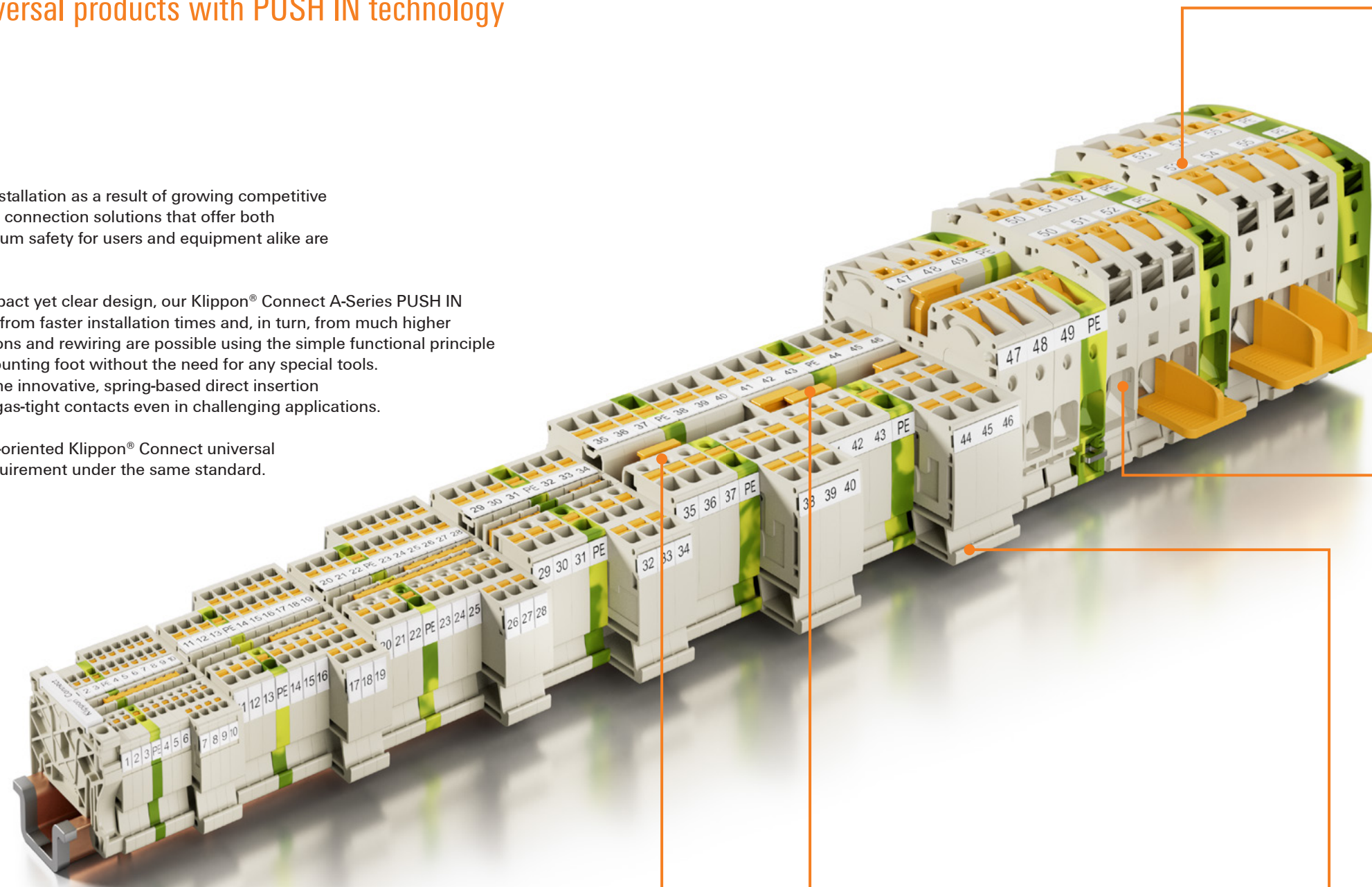
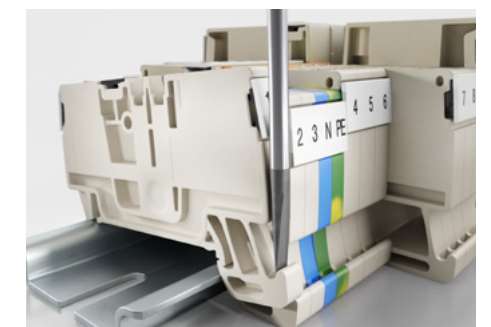
Innovative PUSH IN-Power connection

With the innovative PUSH IN-Power connection several compression springs provide a safe, gas-tight and vibration-proof connection of the conductor.

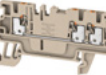
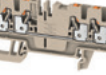
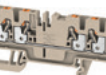
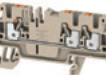
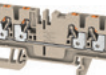
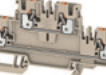


Compensating mounting foot

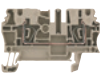
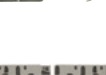
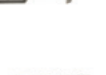
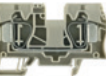
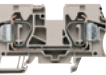
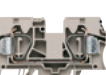
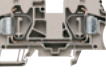
A spring-loaded mounting foot compensates for differences in terminal rail dimensions. This makes latching and unlatching the terminal blocks easier.



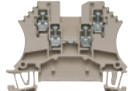
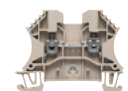
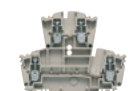
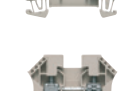
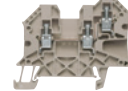
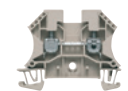
 PUSH IN connection (A-Series)

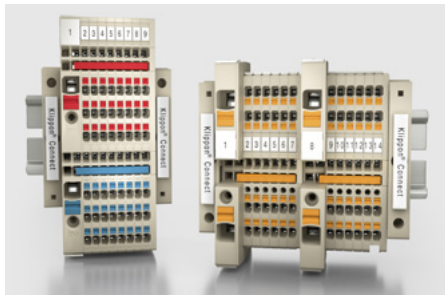
Figure		Type	Order No.
A x C 1.5	2 C		beige 1552790000
			blue 1552820000
			green/yellow PE 1552680000
			End plate 1552600000
A x C 1.5	3 C		beige 1552740000
			blue 1552770000
			green/yellow PE 1552670000
			End plate 1552620000
A x C 1.5	4 C		beige 1552690000
			blue 1552700000
			green/yellow PE 1552660000
			End plate 1552640000
A x C 2.5	2 C		beige 1521850000
			blue 1521880000
			green/yellow PE 1521680000
			End plate 1514400000
A x C 2.5	3 C		beige 1521740000
			blue 1521780000
			green/yellow PE 1521670000
			End plate 1521510000
A x C 2.5	4 C		beige 1521690000
			blue 1521700000
			green/yellow PE 1521540000
			End plate 1521530000
A 2T 2.5	4 C		beige 1547610000
			blue 1547620000
			green/yellow PE 1547680000
			End plate 1547690000
A x C 4	2 C		beige 2051180000
			blue 2051210000
			green/yellow PE 2051360000
			End plate 2051680000
A x C 4	3 C		beige 2051240000
			blue 2051280000
			green/yellow PE 2051410000
			End plate 2051720000
A x C 4	4 C		beige 2051500000
			blue 2051520000
			green/yellow PE 2051560000
			End plate 2051900000
A x C 6	2 C		beige 1992110000
			blue 1991790000
			green/yellow PE 1991810000
			End plate 1991970000
A x C 6	3 C		beige 1991820000
			blue 1991830000
			green/yellow PE 1991850000
			End plate 1991940000
A x C 10	2 C		beige 2490360000
			blue 2490370000
			green/yellow PE 2490440000
			End plate 2490380000
A x C 10	3 C		beige 2490520000
			blue 2490510000
			green/yellow PE 2490590000
			End plate 2490530000
A x C 16	2 C		beige 2494000000
			blue 2494100000
			End plate 2490380000
			PE 2494020000
A x C 16	3 C		beige 2494090000
			blue 2494080000
			End plate 2490530000
			PE 2494020000

 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 1608540000
			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
ZDU 10	2 AN		beige 1746750000
			blue 1746760000
			green/yellow PE 1746770000
			End plate 1748660000
ZDU 10	3 AN		beige 1767690000
			blue 1767700000
			green/yellow PE 1767670000
			End plate 1749580000
ZDU 16	2 AN		beige 1745230000
			blue 1745240000
			green/yellow PE 1745250000
			End plate 1745150000
ZDU 16	3 AN		beige 1768320000
			blue 1768330000
			green/yellow PE 1768310000
			End plate 1749580000

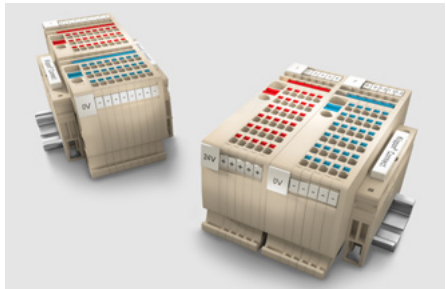
 Clamping yoke connection (W-Series)

Figure		Type	Order No.
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
			Endplate 1050000000
WDU 2.5	3 AN		beige 1024700000
			blau 1024780000
			grün/gelb PE 1016400000
			Abschlussplatte 1050000000
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 1



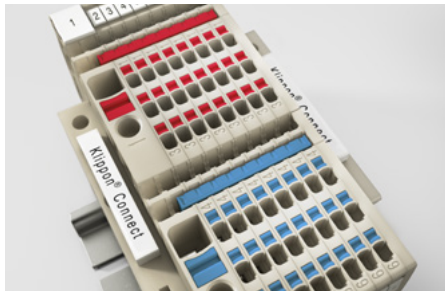
Space saving

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



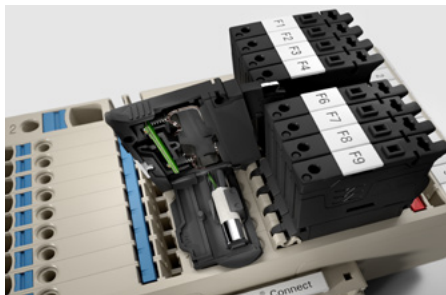
Grouped and alternating

- Potential left and right (grouped)
- Potential above and below (alternating)



Colored pusher

- Easy distinction of potentials
- Quicker installation and avoidance of wiring mistakes

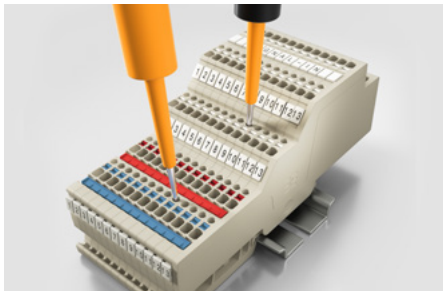


Potential distribution with fuses

- Simple distribution of different potentials
- Fuse protection and minus potential on a terminal block

Control voltage distribution					
Figure	Type	Connections	Cross section	Order No.	
	AAP11 6 LO RD	1	6 mm ²	1989780000	
	AAP11 6 LO BL	1	6 mm ²	1988130000	
	AAP11 6 FE	1	6 mm ²	1988140000	
	AAP11 6/6X1.5 LO-LI OR	7	6 / 1.5 mm ²	2503870000	
	AAP11 6/6X1.5 LO-LI RD	7	6 / 1.5 mm ²	2464690000	
	AAP11 6/6X1.5 LO-LI BL	7	6 / 1.5 mm ²	2464750000	
	AAP11 6/6X1.5 LO-LI BL/OR	7	6 / 1.5 mm ²	2522830000	
	End plate AEP AP 11			1988320000	
	AAP11 1.5 LI RD	6	1.5 mm ²	1988160000	
	AAP11 1.5 LI BL	6	1.5 mm ²	1988170000	
	End plate AEP AP 11			1988320000	
	AAP12 10 LO RD	1	10 mm ²	1988190000	
	AAP12 10 LO BL	1	10 mm ²	1988180000	
	AAP12 10 FE	1	10 mm ²	1988200000	
	AAP12 10/4X2.5 LO-LI RD	5	10 / 2.5 mm ²	2464730000	
	AAP12 10/4X2.5 LO-LI OR	5	10 / 2.5 mm ²	2503890000	
	AAP12 10/4X2.5 LO-LI BL	5	10 / 2.5 mm ²	2464720000	
	AAP12 10/4X2.5 LO-LI BL/OR	5	10 / 2.5 mm ²	2522850000	
	End plate AEP AP 12			1988300000	
	AAP12 2.5 LI RD	5	2.5 mm ²	1988290000	
	AAP12 2.5 LI BL	5	2.5 mm ²	1988100000	
	End plate AEP AP 12			1988300000	
	AAP13 6 LO-LO	2	6 mm ²	1988260000	
	AAP13 6 FE-LO	2	6 mm ²	1988270000	
	End plate AEP AP 13			1990140000	
	AAP13 1.5 LI-LI	6	1.5 mm ²	1988280000	
	End plate AEP AP 13			1990140000	
	AAP14 10 LO-LO	2	10 mm ²	1988250000	
	AAP14 10 FE-LO	2	10 mm ²	1988240000	
	End plate AEP AP14			1988340000	
	AAP14 2.5 LI-LI	4	2.5 mm ²	1988230000	
	End plate AEP AP14			1988340000	
	AAP21 10 LO RD	1	10 mm ²	2428910000	
	AAP21 10 LO BL	1	10 mm ²	2428940000	
	AAP21 10 FE	1	10 mm ²	2428920000	
	End plate AEP AP21			2429020000	
	AAP21 4 LI RD	1	4 mm ²	2428930000	
	AAP21 4 LI BL	1	4 mm ²	2428960000	
	AAP21 4 FS	1	4 mm ²	2428950000	
	AAP21 4 FS 10-36V	1	4 mm ²	2458990000	
	AAP21 4 FS 30-70V	1	4 mm ²	2460200000	
	AAP21 4 FS 60-150V	1	4 mm ²	2460190000	
	AAP21 4 FS 100-250V	1	4 mm ²	2460180000	
	AAP21 4 DT	1	4 mm ²	2428980000	
	AAP22 10 LO-LO	2	10 mm ²	2428990000	
	AAP22 10 FE-LO	2	10 mm ²	2429000000	
	AAP22 4 LI-FS	2	4 mm ²	2429010000	
	End plate AEP AP22			2429040000	
	AAP22 4 LI-FS 10-36V	2	4 mm ²	2459010000	
	AAP22 4 LI-FS 30-70V	2	4 mm ²	2460140000	
	AAP22 4 LI-FS 60-150V	2	4 mm ²	2460130000	
	AAP22 4 LI-FS 100-250V	2	4 mm ²	2460120000	
	End plate AEP AP22			2429040000	

Signal wiring / Power feed-in					
Figure	Type	Connections	Cross section	Order No.	
	AIQ21 1.5 SI	4	1.5 mm ²	1992260000	
	AIQ21 1.5 SO	3	1.5 mm ²	1992240000	
	Endplate AEP IO 21			1993580000	
	AIQ21 1.5 SO-PE	4	1.5 mm ²	1992250000	
	Endplate AEP IO 21			1993580000	
	AIQ22 1.5 SI-PE	5	1.5 mm ²	1992230000	
	Endplate AEP IO 22			1993590000	
	AIQ23 1.5 2SI	6	1.5 mm ²	1992220000	
	Endplate AEP IO 23			1993600000	
	AFS 2.5 CF 2C BK	2	2.5 mm ²	2466530000	
	AFS 2.5 CF 2C 12 V BK	2	2.5 mm ²	2466610000	
	AFS 2.5 CF 2C 24V BK	2	2.5 mm ²	2466600000	
	AEP 4C 2.5 BK			2486660000	
	AFS 4 2C BK	2	4 mm ²	2429860000	
	AFS 4 2C BK/BL	2	4 mm ²	2548140000	
	AFS 4 2C 10-36V BK	2	4 mm ²	2429870000	
	AFS 4 2C 30-70V BK	2	4 mm ²	2434350000	
	AFS 4 2C 60-150V BK	2	4 mm ²	2434380000	
	AFS 4 2C 100-250V BK	2	4 mm ²	2434390000	
	End plate AEP 3C 4BK			2486640000	
	ADT 2.5 2C	2	2.5 mm ²	1989800000	
	ADT 2.5 2C BL	2	2.5 mm ²	1989810000	
	ADT 2.5 2C w/O DTLV	2	2.5 mm ²	1989930000	
	ADT 2.5 /DT/FS	2	2.5 mm ²	1989900000	
	ADT 2.5 /DT/FS BL	2	2.5 mm ²	1989910000	
	ADT 2.5 3C	3	2.5 mm ²	1989830000	
	ADT 2.5 3C	3	2.5 mm ²	1989840000	
	ADT 2.5 3C w/O DTLV	3	2.5 mm ²	1989940000	
	ADT 2.5 4C	4	2.5 mm ²	1989860000	
	ADT 2.5 4C BL	4	2.5 mm ²	1989870000	
	ADT 2.5 4C w/O DTLV	4	2.5 mm ²	1989950000	
	ADT 4 2C	2	2.5 mm ²	2429850000	
	ADT 4 2C BL	2	2.5 mm ²	2429880000	
	ADT 2.5 PE/DT/FS	2	2.5 mm ²	1989890000	
	End plate AEP 4C 2.5			1521530000	
	AEP DT 2.5 3C			1989970000	
	AEP DT 2.5 4C			1989980000	
	ALO 6	2	6 mm ²	1991780000	
	ALO 6 BL	2	6 mm ²	2065120000	
	ALO 16	2	16 mm ²	2502280000	
	ALO 16 BL	2	16 mm ²	2502320000	
	AMC 2.5		2.5 mm ²	2434340000	
	AMC 2.5 800V		2.5 mm ²	2434370000	
	End plate AEP MC 2.5			2433820000	
	A2C 35		35 mm ²	2551510000	
	A2C 35 BL		35 mm ²	2552090000	
	A2C 35 PE		35 mm ²	2551520000	
	A2C 50/70		50 / 70 mm ²	2663250000	
	A2C 50/70 BL		50 / 70 mm ²	2663260000	
	A2C 50/70 PE		50 / 70 mm ²	2663280000	
	A2C 95/120		95 / 120 mm ²	2694060000	
	A2C 95/120 BL		95 / 120 mm ²	2694070000	
	A2C 95/120 PE		95 / 120 mm ²	2694090000	



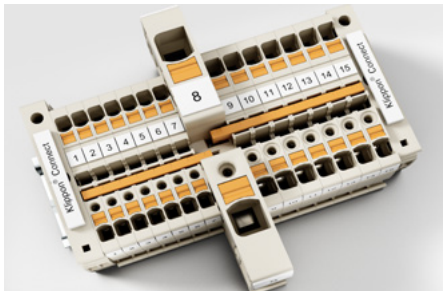
Testing and checking point

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



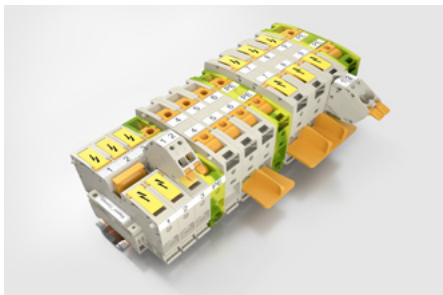
Combines protective functions

- Attached fuse holder
- Multifunctional disconnect section



Simple potential distribution

- Feed-in terminal blocks can be cross connected from 1.5 to 6 mm²
- Clear arrangement



Optimal power feed-in

- Innovative PUSH IN-Power connection technology
- Additional tap for emergency power supply

Go on a journey of discovery

You can find more information about the A-series products in the online catalog: eshop.weidmueller.com

Weidmüller – Your partner in Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Industrial Connectivity.

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