

APGTB 1.5 2T VL 4C/2**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Spring connection with PUSH IN Technology**

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

General ordering data

Version	Feed-through terminal, PUSH IN, 1.5 mm ² , 500 V, 17.5 A, dark beige
Order No.	2485920000
Type	APGTB 1.5 2T VL 4C/2
GTIN (EAN)	4050118496376
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	45 mm	Depth (inches)	1.772 inch
Depth including DIN rail	46 mm	Height	84.5 mm
Height (inches)	3.327 inch	Width	3.5 mm
Width (inches)	0.138 inch	Net weight	8.187 g

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7940U	Certificate No. (IECEX)	IECEXTUR16.0046U
Max. voltage (ATEX)	500 V	Current (ATEX)	17.5 A
Wire cross section max. (ATEX)	1.5 mm ²	Max. voltage (IECEX)	500 V
Current (IECEX)	17.5 A	Wire cross section max. (IECEX)	1.5 mm ²
Marking EN 60079-7	Ex ec II C Gc	Ex 2014/34/EU label	II 3 G D

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	2	Number of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	Yes
PE connection	No	Rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Installation advice	Rail	Open sides	right
Snap-on	No	Type of fixing	Snap-on
Type of mounting	TS 35	With snap-in pegs	No

CSA rating data

Certificate No. (CSA)	200039-70089609	Current size B (CSA)	13 A
Current size C (CSA)	13 A	Current size D (CSA)	5 A
Voltage size B (CSA)	300 V	Voltage size C (CSA)	300 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	26 AWG		

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Technical data

Conductors for clamping (rated connection)

Blade size	0.4 x 2.0 mm	Clamping range, max.	1.5 mm ²
Clamping range, min.	0.14 mm ²	Connection cross-section, stranded, max.	1.5 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Connection direction	top
Gauge to IEC 60947-1	A1	Number of connections	4
Stripping length	8 mm	Type of connection	PUSH IN
Type of connection 2	Plug-in connection	Wire connection cross section AWG, max.	AWG 14
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section, finely stranded, max.	1.5 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	1.5 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

General

Installation advice	Rail	Rail	TS 35
Standards	In accordance with IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 14
Wire connection cross section AWG, min.	AWG 26		

PE rating data

PEN function	No
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Rating data

Rated cross-section	1.5 mm ²	Rated voltage	500 V
Rated current	17.5 A	Current at maximum wires	17.5 A
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.83 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	0.56 W
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	14 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	14 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size B (cURus)	13 A
Current size C (cURus)	13 A	Current size D (cURus)	5 A
Voltage size B (cURus)	300 V	Voltage size C (cURus)	300 V
Voltage size D (cURus)	600 V		

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Technical data

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	IECEX TUR 16.0046U_2.pdf ATEX Certificate Attestation of Conformity DNVGL certificate MARITREG certificate CCC Ex Certificate CE Declaration of Conformity CE Declaration of Conformity all terminals
Engineering Data	STEP
Engineering Data	EPLAN
Tender specification	Klippon® Connect 2485920000 DE Klippon® Connect 2485920000 EN
User Documentation	StorageConditionsTerminalBlocks NTI APGTB 1.5 2T VL 4C/2 BPZL APGTB FT
Catalogues	Catalogues in PDF-format

APGTB 1.5 2T VL 4C/2

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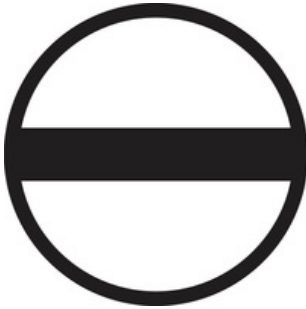
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Accessories

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 0.4X2.0X60	Version
Order No.	2749260000	Screwdriver, Blade width (B): 2 mm, Blade length: 60 mm, Blade thickness (A): 0.4 mm
GTIN (EAN)	4050118895537	
Qty.	1 pc(s).	

A-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	AEB 35 SC/1 BK	Version
Order No.	2475310000	A-series, End bracket
GTIN (EAN)	4050118487114	
Qty.	50 pc(s).	
Type	AEB 35 SCL/1 V0 BK	Version
Order No.	2661300000	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 pc(s).	
Type	AEB 35 SCL/1 V0	Version
Order No.	2661280000	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 pc(s).	
Type	AEB 35 SC/1	Version
Order No.	1991920000	A-series, End bracket
GTIN (EAN)	4050118376722	
Qty.	50 pc(s).	
Type	AEB 35 SCL/1 V0 GY	Version
Order No.	2661290000	A-series, End bracket
GTIN (EAN)	4050118702170	
Qty.	20 pc(s).	

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Accessories
Coding elements


Through the use of coding pins, individual coding options ensure trouble-free plug-in connection.

General ordering data

Type	APGCE
Order No.	1514490000
GTIN (EAN)	4050118321906
Qty.	50 pc(s).

1.5 mm²

1.5
mm²

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

General ordering data

Type	ZQV 1.5N/5
Order No.	1985500000
GTIN (EAN)	4050118369991
Qty.	20 pc(s).
Type	ZQV 1.5N/8
Order No.	1985540000
GTIN (EAN)	4050118370218
Qty.	20 pc(s).
Type	ZQV 1.5N/9 RD
Order No.	1985790000
GTIN (EAN)	4050118370386
Qty.	20 pc(s).
Type	ZQV 1.5N/3 RD
Order No.	1985670000
GTIN (EAN)	4050118370348
Qty.	60 pc(s).
Type	ZQV 1.5N/5 BL
Order No.	1985590000
GTIN (EAN)	4050118370430
Qty.	20 pc(s).

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Type ZQV 1.5N/2
 Order No. [1985410000](#)
 GTIN (EAN) 4050118369861
 Qty. 60 pc(s).

Type ZQV 1.5N/2 RD
 Order No. [1985650000](#)
 GTIN (EAN) 4050118370324
 Qty. 60 pc(s).

Type ZQV 1.5N/50
 Order No. [1985620000](#)
 GTIN (EAN) 4050118370300
 Qty. 5 pc(s).

Type ZQV 1.5N/6 RD
 Order No. [1985730000](#)
 GTIN (EAN) 4050118370454
 Qty. 20 pc(s).

Type ZQV 1.5N/6 BL
 Order No. [1985610000](#)
 GTIN (EAN) 4050118370492
 Qty. 20 pc(s).

Type ZQV 1.5N/20 BL
 Order No. [1985700000](#)
 GTIN (EAN) 4050118370331
 Qty. 20 pc(s).

Type ZQV 1.5N/50 RD
 Order No. [1985820000](#)
 GTIN (EAN) 4050118370270
 Qty. 5 pc(s).

Type ZQV 1.5N/8 RD
 Order No. [1985770000](#)
 GTIN (EAN) 4050118370508
 Qty. 20 pc(s).

Type ZQV 1.5N/3
 Order No. [1985480000](#)
 GTIN (EAN) 4050118370096
 Qty. 60 pc(s).

Type ZQV 1.5N/10 BL
 Order No. [1985680000](#)
 GTIN (EAN) 4050118370539
 Qty. 20 pc(s).

Type ZQV 1.5N/6
 Order No. [1985510000](#)
 GTIN (EAN) 4050118370188
 Qty. 20 pc(s).

Type ZQV 1.5N/7
 Order No. [1985520000](#)
 GTIN (EAN) 4050118370195
 Qty. 20 pc(s).

Type ZQV 1.5N/50 BL
 Order No. [1985720000](#)
 GTIN (EAN) 4050118370546
 Qty. 5 pc(s).

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Accessories

Type ZQV 1.5N/3 BL
 Order No. [1985550000](#)
 GTIN (EAN) 4050118370485
 Qty. 60 pc(s).

Type ZQV 1.5N/9 BL
 Order No. [1985660000](#)
 GTIN (EAN) 4050118370478
 Qty. 20 pc(s).

Type ZQV 1.5N/4
 Order No. [1985490000](#)
 GTIN (EAN) 4050118370201
 Qty. 60 pc(s).

Type ZQV 1.5N/10
 Order No. [1985580000](#)
 GTIN (EAN) 4050118370416
 Qty. 20 pc(s).

Type ZQV 1.5N/20 RD
 Order No. [1985810000](#)
 GTIN (EAN) 4050118370355
 Qty. 20 pc(s).

Type ZQV 1.5N/5 RD
 Order No. [1985710000](#)
 GTIN (EAN) 4050118370256
 Qty. 20 pc(s).

Type ZQV 1.5N/2 BL
 Order No. [1985530000](#)
 GTIN (EAN) 4050118370423
 Qty. 60 pc(s).

Type ZQV 1.5N/20
 Order No. [1985600000](#)
 GTIN (EAN) 4050118370225
 Qty. 20 pc(s).

Type ZQV 1.5N/7 BL
 Order No. [1985630000](#)
 GTIN (EAN) 4050118370522
 Qty. 20 pc(s).

Type ZQV 1.5N/4 RD
 Order No. [1985690000](#)
 GTIN (EAN) 4050118370515
 Qty. 60 pc(s).

Type ZQV 1.5N/9
 Order No. [1985560000](#)
 GTIN (EAN) 4050118370409
 Qty. 20 pc(s).

Type ZQV 1.5N/8 BL
 Order No. [1985640000](#)
 GTIN (EAN) 4050118370461
 Qty. 20 pc(s).

Type ZQV 1.5N/4 BL
 Order No. [1985570000](#)
 GTIN (EAN) 4050118370317
 Qty. 60 pc(s).

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Accessories

Type	ZQV 1.5N/10 RD
Order No.	1985800000
GTIN (EAN)	4050118370393
Qty.	20 pc(s).

Type	ZQV 1.5N/7 RD
Order No.	1985750000
GTIN (EAN)	4050118370249
Qty.	20 pc(s).

Strain reliefs



The strain relief protects the contact against mechanical stress and protects the connector against inadvertent release from the contact point.

General ordering data

Type	APGSR 1.5 - 8P
Order No.	2482750000
GTIN (EAN)	4050118494211
Qty.	25 pc(s).

Type	APGSR 1.5
Order No.	2482730000
GTIN (EAN)	4050118493993
Qty.	25 pc(s).

Type	APGSR 1.5 - 4P
Order No.	2482740000
GTIN (EAN)	4050118494204
Qty.	25 pc(s).

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Accessories

Protective covers



The cover of the plug contact offers protection from external influences, e.g. soiling from dust.

General ordering data

Type	APGPC 1.5
Order No.	2482530000
GTIN (EAN)	4050118494563
Qty.	50 pc(s).

1.5 mm²


1.5
mm²

The plugs for our WeiCoS-System are available for all different connection systems. The product range includes preassembled connectors from 1 to 10 poles and the possibility of an individual assembly. This ensures maximum flexibility for every application. The customized accessories increase the safety and protection against environmental influences.

General ordering data

Type	APG 1.5/1	Version
Order No.	2482340000	Plug, 1.5 mm ² , 500, 17.5 A, Number of poles: 1, dark beige
GTIN (EAN)	4050118494402	
Qty.	50 pc(s).	
Type	APG 1.5/3	Version
Order No.	2482360000	Plug, 1.5 mm ² , 500, 17.5 A, Number of poles: 3, dark beige
GTIN (EAN)	4050118494426	
Qty.	25 pc(s).	
Type	APG 1.5 MI BL	Version
Order No.	2482290000	Plug, 1.5 mm ² , 500, 17.5 A, Number of poles: 1, blue
GTIN (EAN)	4050118494327	
Qty.	50 pc(s).	
Type	APG 1.5 R	Version
Order No.	2482310000	Plug, 1.5 mm ² , 500, 17.5 A, Number of poles: 1, dark beige
GTIN (EAN)	4050118494372	
Qty.	50 pc(s).	
Type	APG 1.5/10	Version
Order No.	2482430000	Plug, 1.5 mm ² , 500, 17.5 A, Number of poles: 10, dark beige
GTIN (EAN)	4050118494495	
Qty.	20 pc(s).	

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Accessories

Type	APG 1.5/4	Version
Order No.	2482370000	Plug, 1.5 mm², 500, 17.5 A, Number of poles: 4, dark beige
GTIN (EAN)	4050118494433	
Qty.	25 pc(s).	
Type	APG 1.5/9	Version
Order No.	2482420000	Plug, 1.5 mm², 500, 17.5 A, Number of poles: 9, dark beige
GTIN (EAN)	4050118494488	
Qty.	20 pc(s).	
Type	APG 1.5 L	Version
Order No.	2482250000	Plug, 1.5 mm², 500, 17.5 A, Number of poles: 1, dark beige
GTIN (EAN)	4050118494280	
Qty.	50 pc(s).	
Type	APG 1.5 L BL	Version
Order No.	2482260000	Plug, 1.5 mm², 500, 17.5 A, Number of poles: 1, blue
GTIN (EAN)	4050118494297	
Qty.	50 pc(s).	
Type	APG 1.5/5	Version
Order No.	2482380000	Plug, 1.5 mm², 500, 17.5 A, Number of poles: 5, dark beige
GTIN (EAN)	4050118494440	
Qty.	25 pc(s).	
Type	APG 1.5 L GN	Version
Order No.	2482270000	Plug, 1.5 mm², 500, 17.5 A, Number of poles: 1, green
GTIN (EAN)	4050118494303	
Qty.	50 pc(s).	
Type	APG 1.5 R BL	Version
Order No.	2482320000	Plug, 1.5 mm², 500, 17.5 A, Number of poles: 1, blue
GTIN (EAN)	4050118494389	
Qty.	50 pc(s).	
Type	APG 1.5/7	Version
Order No.	2482400000	Plug, 1.5 mm², 500, 17.5 A, Number of poles: 7, dark beige
GTIN (EAN)	4050118494464	
Qty.	25 pc(s).	
Type	APG 1.5 MI	Version
Order No.	2482280000	Plug, 1.5 mm², 500, 17.5 A, Number of poles: 1, dark beige
GTIN (EAN)	4050118494310	
Qty.	50 pc(s).	
Type	APG 1.5 R GN	Version
Order No.	2482330000	Plug, 1.5 mm², 500, 17.5 A, Number of poles: 1, green
GTIN (EAN)	4050118494396	
Qty.	50 pc(s).	
Type	APG 1.5/2	Version
Order No.	2482350000	Plug, 1.5 mm², 500, 17.5 A, dark beige
GTIN (EAN)	4050118494419	
Qty.	25 pc(s).	
Type	APG 1.5/6	Version
Order No.	2482390000	Plug, 1.5 mm², 500, 17.5 A, Number of poles: 6, dark beige
GTIN (EAN)	4050118494457	
Qty.	25 pc(s).	
Type	APG 1.5/8	Version
Order No.	2482410000	Plug, 1.5 mm², 500, 17.5 A, Number of poles: 8, dark beige
GTIN (EAN)	4050118494471	
Qty.	20 pc(s).	

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Catalogue status 22.10.2021 / We reserve the right to make technical changes.

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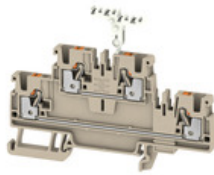
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Accessories

Type	APG 1.5 MI GN	Version
Order No.	2482300000	Plug, 1.5 mm ² , 500, 17.5 A, Number of poles: 1, green
GTIN (EAN)	4050118494365	
Qty.	50 pc(s).	

SnapMark



SnapMark - this tag carrier has been developed specifically for the I-series double-level terminal IDK 1.5N. The flexible pivot mechanism allows cross-connections to be easily installed or removed. It can hold four DEK 5 labelling tags or two WS 10/5 Middle connector markers.

General ordering data

Type	SNAPMARK I	Version
Order No.	1805880000	Group markers, Terminal marker, 23 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4032248273614	Weidmueller, white
Qty.	50 pc(s).	

A-Series



A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

General ordering data

Type	APP 4	Version
Order No.	2489110000	A-series, Partition plate
GTIN (EAN)	4050118499322	
Qty.	50 pc(s).	

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Accessories

Locking elements



The plugs can be securely and easily fixed to the base terminal by using a locking element. The locking element avoids an unintentional disconnection of the plugs from the base terminal and ensures maximum safety.

General ordering data

Type	APGLE 1.5
Order No.	2482720000
GTIN (EAN)	4050118496253
Qty.	25 pc(s).