Panel building requires innovative ideas
Klippon® Connect delivers pioneering connectivity solutions
Let's connect.



4 Fast wiring. But safe.

Klippon® Connect enhances your efficiency with PUSH IN technology

6 Standardised implementation of efficient solutions

The Klippon® Connect universal range

Clever optimisation of signal wiring and control voltage

Klippon® Connect application products for recurring applications

Clear wiring for high-density signalling levels

With Klippon® Connect in the smallest of spaces

12 Safe supply for consumers in the panel

Klippon® Connect for optimum control voltage distribution

Load monitoring and potential distribution in one complete solution

maxGUARD - taking control voltage distribution to a new level

and control voltage 16 An effective fast track for planning processes

Easy configuration and request process with the Weidmüller Configurator

Technical data

Universal range: PUSH IN technology

40 Application range: Control voltage distribution (AAP)

Application range: Signal wiring (AIO)

48 Application range: Control voltage distribution (maxGUARD)

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Klippon® Connect

Extra efficiency in panel planning, installation and operation

Klippon® Connect offers added value at all stages

As your partner in Industrial Connectivity, we consider panel building to be an integrated process - from the planning stage all the way to installation and operation. The latest example of this is Klippon® Connect. Our offer - which consists of tailored application products, universal terminal blocks and processsupporting services - provides you with productivity benefits at all stages of the panel building process. These include benefits such as time-saving planning and project planning, faultless wiring, fast marking and much more besides.

Often, standardisation enables the right solution to be found with our sophisticated, function-oriented universal range. It provides you with practical product features. For recurring application fields, such as control voltage distribution or signal wiring, we offer you the ideal solutions with our application range. Thanks to the high level of application focus, these solutions really do help increase productivity, efficiency and safety.



Achieving greater productivity one step at a time

Every panel building process starts with the planning stage. It is here that the foundation for an optimum set-up is laid. Once there is a plan in place, installation starts. The panel components are marked, wired and checked. The fully installed panel can then be put into operation. To ensure that you achieve the greatest possible level of efficiency in this process, we have continuously examined the optimisation potential of both the individual phases (planning, installation and operation) and how they interlink with one another. Innovative products and services that support you in all the stages of the panel building process are the

Up to 75 percent engineering

- Faster planning with the Weidmüller Configurator
- · Error-free configuration through compatibility checks on products and accessories
- High level of transparency throughout the process thanks to linked data models
- Convenient creation of product documentation

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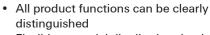


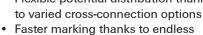
Sustainably higher availability during operation

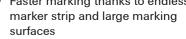
- · Simpler testing procedure thanks to integrated test point
- Rewiring possible during operation without special tools thanks to PUSH IN technology with pusher
- · Gas-tight connections for interference-free operation
- · Flexible, simple modification and extension

High wiring density with maximum ease of installation

- Noticeably faster wiring with PUSH IN technology
- distinguished
- · Flexible potential distribution thanks to varied cross-connection options
- marker strip and large marking









Fast wiring. But safe.

Klippon® Connect enhances your efficiency with PUSH IN technology

Increase your efficiency during installations without compromising on safety. The

point as far as the stop and that's it - you have a safe, gas-tight connection. Even

· Standardised test point

and conductor entry

• Optical and physical separation of operation

· Vibration-resistant, gas-tight connection with copper power rails and stainless steel spring

innovative PUSH IN technology reduces connection times for solid conductors and conductors with crimped-on wire-end ferrules by up to 50 percent compared

to tension clamp terminals. The conductor is simply inserted into the contact

Flexibility

- · Release the conductor with any tool
- · Large marking surfaces make maintenance work easier
- Clip-in foot compensates for differences in terminal rail dimensions





- Space-saving design · Slim design creates a large amount of space in
- · High wiring density despite less space being required on the terminal rail



· Mounting foot makes unlatching the terminal block easy

- · Clear distinction made between all functional areas
- Easier marking and wiring



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Thanks to the extensive choice of accessories and the different cross-connection options, our PUSH IN terminal blocks are the perfect solution for every requirement.

Functional transparency:

All of the terminal blocks' functions can be clearly differentiated from one another - thus ensuring safe and efficient maintenance work.

Ready for automation:

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A clear design and simple handling provide the perfect prerequisites for the automation of your panel design.

The pusher for releasing the contacts ensures safe contact protection.



4 Weidmüller 🛣

Weidmüller ₹ 5

Standardised implementation of efficient solutions

The Klippon® Connect universal range

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. Klippon® Connect with PUSH IN technology enables direct and tool-free conductor connection using rigid conductors and conductors with wire-end ferrules. The sophisticated and function-oriented Klippon® Connect universal range can be used to implement suitable solutions - including practical product features, comprehensive services and application-oriented advice - in a standardised way.

Integrated cross-connectors

Integrated cross-connection channels increase flexibility and shorten wiring times. All crossconnectors can be adapted and identified easily.



Standardised check and test point at each contact point

Universal range - PUSH IN connection (A-Series)

The standardised check and test point with test adapter simplifies maintenance and troubleshooting in the panel.



Efficient markers

The new marker strips ensure effective labelling. They can be created very quickly and attached



Easy to plug in

Installation is up to 50 % faster with PUSH IN technology. Even stranded-wire conductors can be connected by simply pressing the pusher without the need for any special tools.



PUSH IN connection technology

The conductor is simply inserted into the contact point as far as the stop and that's it you have a safe, gas-tight connection.



rated pushers

Simply pressing the pusher causes the contact to open and the conductor can be removed and there's no need whatsoever for any special



Compensating mounting foot

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



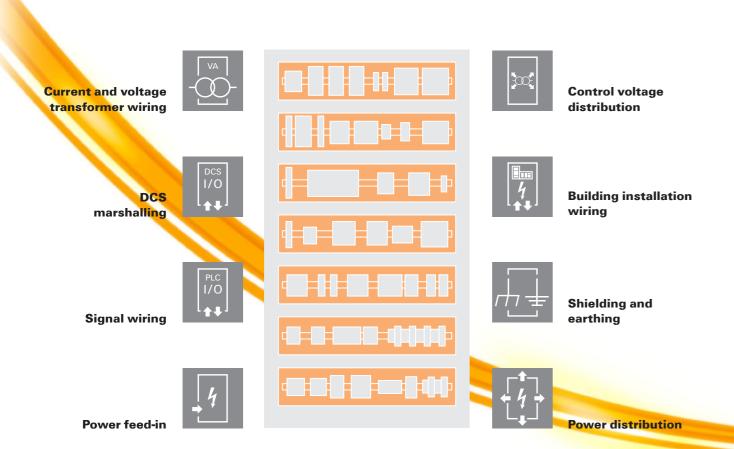


6 Weidmüller ₹

Clever optimisation of signal wiring and control voltage distribution

Klippon® Connect application products for recurring applications

Panels are configured individually. But in virtually all industries, there are certain applications that make recurring parts in the panel a necessity. We have identified and developed tailored solutions for these application fields. By purposefully structuring and adapting the product functions to the respective requirements, we are helping to boost productivity, efficiency and safety at all stages of the panel building process.









Controlling work processes in machines and facilities is becoming increasingly complex. A growing number of initiators monitor the production process. In slim panels, combining and structuring signals is proving to be an increasingly difficult challenge. Klippon® Connect application products for signal wiring offer all the benefits you need for structured wiring.

Slim design

- High wiring density thanks to the slim 3.5-mm width
- Up to four different potentials on one terminal block

Coloured pushers

- · A separate colour for each conductor: positive, negative, signal or PE
- · Faster installation
- · Incorrect wiring is prevented

Check and test point

- · Standardised check and test point at each contact point
- · Time-saving testing of different potentials in the panel



Control voltage distribution

Electrical energy from the power supply is distributed to many downstream consumers in control voltage circuits. Often, a daunting number of conductors has to be wired in a very confined space. This can quickly lead to incorrect wiring. Klippon® Connect application products make it a great deal easier setting up your complete control voltage distribution solution in a clear and compact way.

Space-saving design

- · Positive and negative potentials on one terminal
- Less space required compared with conventional set-ups

Coloured pushers

- · Potentials are easy to tell apart
- · Faster installation
- · Incorrect wiring is prevented

Cross-connectors

- Flexible potential distribution thanks to two integrated cross-connection channels
- · Simplified cross-connector adaptation and identification

Clear wiring for high-density signalling levels

With Klippon® Connect in the smallest of spaces

The number of sensors monitoring the production process is constantly growing. Consequently, increasingly compact terminal blocks are required to combine and structure signals in slim panels. Even today, our signal wiring solutions are geared towards future automation needs. Compared with conventional wiring solutions, our AIO initiator-actuator terminal blocks enable a high wiring density with up to four different potentials on a width of just 3.5 mm. When combined with an I/O system, they achieve particularly effective and safe signal wiring.



Coloured pushers

Each conductor - positive, negative, signal or PE - has its own colour. Incorrect wiring is prevented, while installation and maintenance are made more efficient.



Check and test point at each potential at each contact point

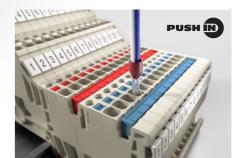
The different potentials can be tested at every contact point. Testing work in the panel is significantly sped up.

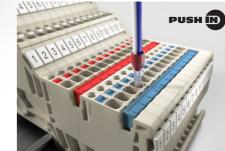




123456789101117

Both rigid conductors and conductors with wire-end ferrules can be reliably connected directly and without the need for any tools. For maximum contact security in a minimum amount of time.



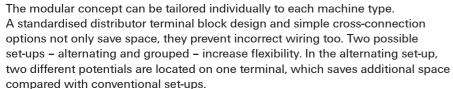


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Safe supply for consumers in the panel

Klippon® Connect for optimum control voltage distribution

Electrical energy from the power supply is distributed to many downstream consumers in control voltage circuits. Often, a daunting number of conductors has to be wired in a very confined space. This can quickly lead to incorrect wiring. Our AAP application solution allows for extremely clear and compact set-ups for control voltage distribution purposes.







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The individual contact points are marked and numbered consecutively too. Maintenance and modification tasks are made a great deal easier.



PUSH IN technology

Fast, safe and reliable direct connection of rigid conductors and conductors with wire-end ferrules - and there's no need whatsoever for any special tools.



Two cross-connection channels

Thanks to the modular system, another terminal block can be attached and expanded using an additional cross-connection in the second crossconnection channel



Coloured pushers

The colours make distinguishing between the different potentials easy. Time-consuming and costly troubleshooting is prevented.



Structured block solution

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The modular system can be combined with terminal blocks that have identical contours and standardised accessories to create a clear block



Load monitoring and potential distribution in one complete solution

maxGUARD - taking control voltage distribution to a new level

Fail-safe and maintenance-friendly control voltage distributions that can be installed in a time- and space-saving manner are a must for efficient machine and facility operation. With the new maxGUARD system, the terminal blocks (previously installed separately) for distributing potential to the outputs of the electronic load monitors become an integral part of a 24 V DC control voltage distribution solution. The new combination of load monitoring and potential distribution saves time during installation, increases safety against failure and reduces the amount of space required on the terminal rail by 50 %.



Extreme ease of servicing

Sophisticated operating, testing and connection elements permit safe access to all voltage potentials and load circuits during commissioning and maintenance.



Can be used in a customised way

The sheer range of variants and the very different potential distribution terminals and additional components enable customised solutions at all times.



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Integrated test point

Consistently integrated test points in the maxGUARD control voltage distribution's input and output speed up troubleshooting



Practical disconnecting lever

Potential distributor with a disconnecting lever for simple galvanic isolation of the load circuit for testing and checking purposes.



Unique cross-connectors

Less time and effort needed for wiring due to cross-connections between load monitoring and potential distribution terminals.







Digital planning

An effective fast track for planning processes

Easy configuration and request process with the Weidmüller Configurator

Engineering processes have to be completed with ever greater speed, precision and efficiency. This requires intelligent tools that provide optimum support for the complex planning processes. The Weidmüller Configurator is a software solution for selecting, configuring and requesting terminal rails and terminal rail components from the Weidmüller range. The tool supports continuous engineering workflows - from planning with E-CAD to requirements and documentation. Simple operation, a clear design and integration in your engineering systems make configuring terminal rails a simple, safe and convenient process. The fantastic attention to detail during the terminal rail assembly process increases planning quality compared with E-CAD systems.

Optimum labelling

The Weidmüller Configurator enables userfriendly data exchange between CAD programs and marking systems such as M-Print® PRO.



Integrated request function

The selected components can be requested directly - either as individual components or pre-installed on a top-hat rail.



Full engineering support

The product data can be used in engineering systems such as EPLAN P8 or Zuken E3. 3D models are available for panel set-up.



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Helpful wizard system

The intelligent wizard function documents every instance in which a terminal rail is assembled and only allows permissible configurations. Mistakes are corrected automatically.





Width/He max. curi Max. clai

Technical data

for wire cross-section

Rated impulse withstand voltage / Pollution severity

Gauge to IEC 60947-1 / UL 94 flammability rating

Clamped conductors (H05V/H07V)

Flexible / Flexible with ferrule

Stripping length / Blade size

Rated data

Rated voltage

Rated current

Approvals

Note

Solid / Stranded

Ordering data

Accessories

1.5 mm²

A4C 1.5

IEC 60947-7-1

500

17.5

1.5

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

Approval in progress

IEC

1.5 mm²

A2C 2.5

IEC 60947-7-1

800

24

2.5

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Approval in progress

2462100000

IEC

A3C 2.5

2.5 mm²

EN 60079-7

1521740000

1521780000



eight/Depth	mm	3.5 x 55 x 33.5	
rent / max. cond. cross-section	A/mm ²	17.5 / 1.5	0 111
mping range	mm²	0.141.5	

mm²

mm²

mm/-

|--|

3.5 x 67.5 x 33.5	
17.5 / 1.5	00 11100
0.141.5	

6 kV / 3

A1 / V-0

CSA

EN 60079-7



5.1 x 55 x 36.5		
24 / 2.5	O	<u> </u>
0.142.5		

8 kV / 3

A3 / V-0

|--|

CSA

24/2.5	С
0.142.5	

		IEU 60947-7-1		
CSA	EN 60079-7	IEC	UL	
		800		
		24		
		2.5		
3				8 kV / 3
0				A3 / V-0

Rated connection	
0.52.5 / 0.52.5	
0.52.5 / 0.52.5	
10 / 0.6 x 3.5 mm	

0.52.5 / 0.52.5	
0.52.5 / 0.52.5	
10 / 0.6 x 3.5 mm	
Approval in progress	

Туре	Qty.	Order No.	Туре	Qty
A2C 2.5	100	1521850000	A3C 2.5	10
A2C 2.5 BL	100	1521880000	A3C 2.5 BL	10

Туре	current	Qty.	Order No.	Туре	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
AEP 2C 2.5		50	1514400000	AEP 3C 2.5		50	1521510000
AEP 2C 2.5 BL		50	1514420000	AEP 3C 2.5 BL		50	1521520000
AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000	ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000	ATPG 1.5-10 L		50	1991890000
ATPG 2.5/3		25	2041190000	ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000	ATPG 2.5/5		25	2041180000
ATPG 2.5 MI-R		50	1991960000	ATPG 2.5 MI-R		50	1991960000
PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000	SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE W	S	1000	1854490000
DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
WS 10/5 M MC NE WS		720	1792000000	WS 10/5 M MC NE WS		720	1792000000

IEC 60947-7-1	

	IEC	UL	CSA	EN 60079-7
	500			
	17.5			
	1.5			
		6 kV	/3	
-	-	A1 /	V-0	

Rated connection
0.51.5 / 0.51.5
0.51.5 / 0.51
0 / 0 / x 2 0 mm

5 / U.4 X Z.U IIIIII	
Approval in progress	

Туре	Qty.	Order No.
A2C 1.5	100	1552790000
A2C 1.5 BL	100	1552820000

•	Qty.	Order No.	Туре	Qty.	Order No.
1.5	100	1552790000	A4C 1.5	100	155269000
1.5 BL	100	1552820000	A4C 1.5 BL	100	155270000

10000001100					
Pluggable cross-connection		Туре	current	Qty.	Order No.
	2-pole				
	10-pole				
	2-pole	ZQV 1.5N/2	17.5 A	20	1985410000
	10-pole	ZQV 1.5N/10	17.5 A	20	1985580000
End plate					
	dark beige	AEP 2C 1.5		50	1552600000
	Blue	AEP 2C 1.5 BL		50	1552610000
End bracket					
	dark beige	AEB 35 SC/1		50	1991920000
	dark beige	ZEW 35		20	9540000000
Test adapter					
·	1-pole	ATPG 1.5-10 L		50	1991890000
	3-pole				
	5-pole				
	stackable	ATPG 1.5 MI-R		50	1991880000
Test plug					
•		PS 2.0 MC		20	0310000000
Screwdriver					
	Standard	SDS 0.4X2.0X60		1	9037160000
Identification systems					
•		WS 10/3.5 PLUS MC NE WS		960	2003760000
		DEK 5/3.5 MM WS		1000	2007100000
		WS 8/3.5 MM WS		1000	2007140000
		DEK 5/3.5 PLUS MC NE WS		1600	2003750000

Туре	current	Qty.	Order No.
ZQV 1.5N/2	17.5 A	20	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 4C 1.5		50	1552640000
AEP 4C 1.5 BL		50	1552650000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

For detailed information on other accessories and
application in the online catalogue
application in the offine catalogue

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

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All MultiMark variants (MM) = strip markers

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2.5 mm²

A2C 4

4 mm²

A4C 4



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Rated impulse withstand voltage / Pollution severity

Gauge to IEC 60947-1 / UL 94 flammability rating

Clamped conductors (H05V/H07V)

Flexible / Flexible with ferrule

Stripping length / Blade size

Technical data

Rated data

Rated voltage Rated current for wire cross-section

Approvals

Note

Solid / Stranded

5.1 x 77.5 x 36.5	
24 / 2.5	
0.142.5	

5.1 X / /.5 X 35.5				
24 / 2.5	0—0—	<u> </u>	<u> </u>	-0
0.142.5				

	b. I X bU X 39.5
——————	32/4
	0.54

IEC 60947-7-1

IEC

6.1 x 60 x 39.5		
32/4	O)
0.54		

CSA EN 60079-7

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 k\	1/3	
	A3 /	/ V-0	-

Rated connection	Rated con
0.52.5 / 0.52.5	0.54 / 0.
0.52.5 / 0.52.5	0.54 / 0.
10 / 0.6 x 3.5 mm	12 / 0.6 x

0.54 / 0.54
0.54 / 0.54
12 / 0.6 x 3.5 mm
Approval in progress

8 kV / 3

A4 / V-0

Ordering data		
Version		Туре
	dark beige	A4C 2.5
	blue	A4C 2.5
Note		

mm²

mm²

mm/-

Approval in progress

	Qty.	Order No.	Туре	Qty.	Order No.
5	100	1521690000	A2C 4	100	2051180000
.5 BL	100	1521700000	A2C 4 BL	100	2051210000

Accessories	
Pluggable cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige
	dark beige
Test adapter	
	1-pole
	3-pole
	5-pole
	stackable
Test plug	
Screwdriver	
	Standard
Identification systems	
<u> </u>	

Туре	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 4C 2.5		50	1521530000
AEP 4C 2.5 BL		50	1521640000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
ATPG 2.5 MI-R		50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M MC NE WS		720	1792000000

Гуре	current	Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 2C 4		50	2051680000
AEP 2C 4 BL		50	2051690000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 4 MI-R		50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 2C 4		50	2051680000
AEP 2C 4 BL		50	2051690000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 4 MI-R		50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

ATPG 4 MI-R	50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6x3,5x100	1	9042110000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000



4 mm²

6.1 x 87.5 x 39.5	
32/4	0011100
0.54	

N 60079-7

Rated connection		
0.54 / 0.54		
0.54 / 0.54		
12 / 0.6 x 3.5 mm		

Туре	Qty.	Order No.
A4C 4	50	2051500000
A4C 4 BL	50	2051520000

Туре	current	Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 4C 4		20	2051900000
AEP 4C 4 BL		20	2051910000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 4 MI-R		50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

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All MultiMark variants (MM) = strip markers All MultiMark variants (MM) = strip markers All MultiMark variants (MM) = strip markers

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For detailed information on other accessories and application in the online catalogue

6 mm²

A2C 6

IEC 60947-7-1

800

Rated connection

12 / 1.0 x 5.5 mm

Approval in progress

A2C 6

A2C 6 BL

0.5...6 / 0.5...6

0.5...6 / 0.5...6

IEC

A/mm²

mm/-

6 mm²

A3C 6

IEC 60947-7-1

Rated connection

0.5...6 / 0.5...6

0.5...6 / 0.5...6

12 / 1.0 x 5.5 mm

Approval in progress

IEC

6 mm²



	5
8.1 x 66.5 x 45.5	
41/6	O 1110
0.5.0	

8 kV / 3

A5 / V-0

50 **1992110000**

50 **1991790000**

8.1 x 84.5 x 45.5	
41/6	
0.56	

8 kV / 3

A5 / V-0

CSA

EN 60079-7



41/6

0.5...6

ALO 6

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²
Technical data	
Rated data	

Rated impulse withstand voltage / Pollution severity

Rated voltage

Rated current

for wire cross-section

Ordering data

End bracket

Test plug

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800			
41			
6			
	8 k	V/3	
	A5	/ V-0	
Rated connection			

Gauge to IEC 60947-1 / UL 94 flammability ra	iting
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

0.56 / 0.56
0.56 / 0.56
12 / 1.0 x 5.5 mm
Approval in progress

20 **1991780000**

20 2065120000

).
0000
0000

ersion		Туре
	dark beige	ALO 6
	blue	ALO 6 BL
lote		
ccessories		

	Туре	current	Qty.	Order No.
2-pole	ZQV 1.5N/2	17.5 A	20	1985410000
10-pole	ZQV 1.5N/10	17.5 A	20	1985580000
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
dark beige	AEB 35 SC/1		50	1991920000
dark beige	ZEW 35		20	9540000000
	PS 2.0 MC		20	0310000000
Standard	SDIL 1,0x5,5x125		1	9042130000
	WS 7.8/9.2 PLUS MC NE GR		360	1208970000

Orderina	data

Width/Height/Depth

Max. clamping range Technical data

Rated data

Rated voltage

Rated current

Approvals

Solid / Stranded

for wire cross-section

max. current / max. cond. cross-section

Rated impulse withstand voltage / Pollution severity

Gauge to IEC 60947-1 / UL 94 flammability rating

Clamped conductors (H05V/H07V)

Flexible / Flexible with ferrule

Stripping length / Blade size

Version	
	dark beige
	blue
Note	

Note			

Accessories	
Pluggable cross-connection	
	2-pole
	4-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige
	dark beige
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Identification systems	

Туре	current	Qty.	Order No.
ZQV 6N/2	41 A	60	1985740000
ZQV 6N/4	41 A	60	1985780000
ZQV 4N/10	32 A	20	1528090000
AEP 2C 6		50	1991970000
AEP 2C 6 BL		50	1991950000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 6 MI-R		50	1991930000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 8/6 MM WS		600	2007160000

Туре	current	Qty.	Order No.
ZQV 6N/2	41 A	60	1985740000
ZQV 6N/4	41 A	60	1985780000
AEP 3C 6		50	1991940000
AEP 3C 6 BL		20	1991910000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 6 MI-R		50	1991930000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000

For detailed information on other accessories and application in the online catalogue

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Width/Height/Depth

Max. clamping range Technical data

Rated data

Rated voltage

Rated current for wire cross-section

Approvals

Note

Solid / Stranded

Ordering data

Accessories

End plate

max. current / max. cond. cross-section

Rated impulse withstand voltage / Pollution severity

Gauge to IEC 60947-1 / UL 94 flammability rating

Clamped conductors (H05V/H07V)

Flexible / Flexible with ferrule

Stripping length / Blade size

A2T 2.5

IEC 60947-7-1

800

2.5

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Approval in progress

IEC

mm

A/mm²

mm/-

2-pole 10-pole

dark beige

blue

A2T 2.5 VL

5.1 x 90 x 50.5	o I II o
24 / 2.5	o I IIo

8 kV / 3

A3 / V-0

CSA



2.5 mm²

5.1 x 90 x 50.5	- O I II O
24 / 2.5	0 10
0.142.5	

	IEC 60947-7-1			
79-7	IEC	UL	CSA	EN 60079-7
	800			
	24			
	2.5			
		8 k	V / 3	
		A3 .	/ V-0	

Rated connection	
0.52.5 / 0.52.5	
0.52.5 / 0.52.5	
10 / 0.6 x 3.5 mm	

	Approval in progress
Ī	

Туре		Qty.	Order No.	Туре		Qty.	Order No.
A2T 2.5		50	1547610000	A2T 2.5 VL		50	1547650000
A2T 2.5 BL		50	1547620000	A2T 2.5 VL BL		50	1547660000
		,					
Туре	current	Qty.	Order No.	Туре	current	Qty.	Order No.
Type ZQV 2.5N/2	current 24 A	Qty.	Order No. 1527540000	Type ZQV 2.5N/2	current 24 A	Q ty.	
							Order No. 1527540000 1527690000

20 1547690000

20 **1547700000**

Туре	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEP 2T 2.5 BL		20	1547700000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 10/5 M MC NE WS		720	1792000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

уре	current	Qty.	Order No.
QV 2.5N/2	24 A	60	1527540000
QV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEP 2T 2.5 BL		20	1547700000
AEB 35 SC/1		50	1991920000
EW 35/2		20	8630740000
S 2.0 MC		20	0310000000
DIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
VS 10/5 M MC NE WS		720	1792000000
DEK 5/5 MM WS		800	2007110000
VS 8/5 MM WS		800	2007150000

	nine	ALI 21 2.0 DL	20	134770000
End bracket				
	dark beige	AEB 35 SC/1	50	199192000
	dark beige	ZEW 35/2	20	863074000
Test plug				
		PS 2.0 MC	20	031000000
Screwdriver				
	Standard	SDIL 0,6x3,5x100	1	904211000
Identification systems				
		DEK 5/5 PLUS MC NE WS	1000	185449000
		WS 10/5 M MC NE WS	720	179200000
		DEK 5/5 MM WS	800	200711000
		WS 8/5 MM WS	800	200715000

AEP 2T 2.5

AEP 2T 2.5 BL

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2.5 mm²

A2T 2.5 FT-PE

5.1 x 90 x 50.5	0 1 110
24 / 2.5	0 1 1 10
0.142.5	±-PE

UL	CSA	EN 00070 7
	GOM	EN 60079-7
8 kV / 3		
A3 / V-0		

0.52.5 / 0.52.5	
0.52.5 / 0.52.5	
10 / 0.6 x 3.5 mm	

уре	Qty.	Order No.
2T 2.5 FT-PE	50	1547640000

current Qty. Order No.

ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
ZEW 35/2	20	8630740000
PS 2.0 MC	20	0310000000
SDIL 0,6x3,5x100	1	9042110000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 10/5 M MC NE WS	720	1792000000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

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IEC

kV

mm/-

green/yellow

dark beige

dark beige

dark beige

1-pole 3-pole 5-pole

stackable

Standard

500

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

Approval in progress

AEP 2C 1.5

AEB 35 SC/1

ATPG 1.5-10 L

ATPG 1.5 MI-R

SDS 0.4X2.0X60

DEK 5/3.5 MM WS

WS 8/3.5 MM WS

WS 10/3.5 PLUS MC NE WS

DEK 5/3.5 PLUS MC NE WS

PS 2.0 MC

ZEW 35

1.5 mm²

A2C 2.5 PE

/ 2.5

A3C 2.5 PE

A4C 2.5 PE

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm²
Max. clamping range	mm ²

Rated impulse withstand voltage to adjacent terminal

Gauge to IEC 60947-1 / UL 94 flammability rating

Clamped conductors (H05V/H07V)

Flexible / Flexible with ferrule

Stripping length / Blade size

Technical data

for wire cross-section Rated voltage to adjoining terminal

Rated short-time current

Pollution severity

Solid / Stranded

Ordering data

Accessories End plate

End bracket

Approvals

Note

Version

Rated data

3.5 x 55 x 33.5

/ 1.5 0.141.5	O
IEC 60947-7-2	

180 A (1.5 mm²)

A1 / V-0

CSA

	3.5 >
<u> </u>	/ 1.!
± PE	0.14

EN 60079-7



IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
1.5			
500			
6			
	180 A (1	1.5 mm ²)	
	5	3	
	A1 /	/ V-0	

Qty. Order No. 50 **1552660000**

2462100000

Rated connection	
0.51.5 / 0.51.5	
0.51.5 / 0.51	
8 / 0.4 x 2.0 mm	

Type A4C 1.5 PE

Туре	Qty.	Order No.
A2C 1.5 PE	50	1552680000

rent Qty. Order No.

50 **1552600000**

50 **1991920000**

20 **9540000000**

50 **1991890000**

50 **1991880000**

20 0310000000

9037160000

960 2003760000

1600 **2003750000**

1000 **2007100000**

1000 **2007140000**

Туре	current Qty.	Order No.
AEP 4C 1.5	50	1552640000
AEB 35 SC/1	50	1991920000
ZEW 35	20	9540000000
ATPG 1.5-10 L	50	1991890000
ATPG 1.5 MI-R	50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	9037160000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000



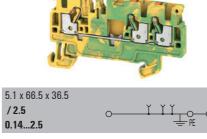
IEC 60947-7-2		
0.142.5		<u>+</u> ₽
/ 2.5	O Y	11,0
0.1 X 00 X 30.0		

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
2.5			
800			
8			
	300 A (2	2.5 mm²)	
	;	3	
	A3 /	/ V-0	

Rated connection		
0.52.5 / 0.52.5		
0.52.5 / 0.52.5		
10 / 0.6 x 3.5 mm		

Туре	Qty.	Order No.
A2C 2.5 PE	50	1521680000

Туре	current	Qty.	Order No.
AEP 2C 2.5		50	1514400000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
ATPG 2.5 MI-R		50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 10/5 M MC NE WS		720	1792000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000



IEC	UL	CSA	EN 60079-7
2.5			
800			
8			
	300 A (2	.5 mm²)	
	3		
	A3 /	V-0	

Rated connection	
0.52.5 / 0.52.5	
0.52.5 / 0.52.5	
10 / 0.6 x 3.5 mm	
Approval in progress	

Type	Qty.	Order No.
A3C 2.5 PE	50	1521670000

Туре	current Qty.	Order No.
AEP 3C 2.5	50	152151000
AEB 35 SC/1	50	199192000
ZEW 35	20	954000000
ATPG 1.5-10 L	50	199189000
ATPG 2.5/3	25	204119000
ATPG 2.5/5	25	204118000
ATPG 2.5 MI-R	50	199196000
PS 2.0 MC	20	031000000
SDIL 0,6x3,5x100	1	904211000
DEK 5/5 PLUS MC NE WS	1000	185449000
WS 10/5 M MC NE WS	720	179200000
DEK 5/5 MM WS	800	200711000
WS 8/5 MM WS	800	200715000

5.1 x 77.5 x 36.5

	0.142.5		0	± PE
	IEC 60947-7-2			
	IEC	UL	CSA	EN 60079-
-	2.5			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
2.5			
800			
8			
	300 A (2	2.5 mm²)	
	;	3	
	A3 /	/ V-0	

Rated connection
0.52.5 / 0.52.5
0.52.5 / 0.52.5
10 / 0.6 x 3.5 mm
Approval in progress

Туре	Qty.	Order No.
A4C 2.5 PE	50	1521540000

current	Qty.	Order No.
	50	1521530000
	50	1991920000
	20	9540000000
	50	1991890000
	25	2041190000
	25	2041180000
	50	1991960000
	20	0310000000
	1	9042110000
	1000	1854490000
	720	1792000000
	800	2007110000
	800	2007150000
	current	50 50 20 50 25 25 50 20 1 1000 720 800

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Width/Height/Depth

Max. clamping range **Technical data**

Rated data

for wire cross-section Rated voltage to adjoining terminal

Rated short-time current

Pollution severity

Solid / Stranded

Ordering data Version

Accessories End plate

End bracket

Test adapter

Test plug

Flexible / Flexible with ferrule

Stripping length / Blade size

Approvals

Note

max. current / max. cond. cross-section

Rated impulse withstand voltage to adjacent terminal

Gauge to IEC 60947-1 / UL 94 flammability rating

Clamped conductors (H05V/H07V)

IEC 60947-7-2

Type

AEP 2C 4

ZEW 35

AEB 35 SC/1

ATPG 1.5-10 L

ATPG 4 MI-R

PS 2.0 MC

SDIL 0,6x3,5x100

DEK 5/6 MM WS

WS 8/6 MM WS

DEK 5/6 PLUS MC NE WS

WS 10/6 M PLUS MC NE WS

kV

mm²

mm²

mm/-

green/yellow

dark beige

dark beige

dark beige

1-pole stackable

Standard

A4C 4 PE

4 mm²

A2C 6 PE

IEC 60947-7-2

800

Rated connection

0.5...6 / 0.5...6

0.5...6 / 0.5...6

12 / 1.0 x 5.5 mm

Approval in progress

Туре

Туре AEP 2C 6

AEB 35 SC/1

ATPG 1.5-10 L

ATPG 6 MI-R

PS 2.0 MC

SDIL 1,0x5,5x125

WS-A 8/8 MM WS

DEK-A 5/8 MM WS

DEK 5/8 PLUS MC NE WS

ZEW 35

A2C 6 PE

IEC

6 mm² **A3C 6 PE** 6 mm²

A2T 2.5 PE

2.5 mm²



mm	6.1 x 60 x 39.5	
-/mm²	/4	0 111
mm ²	0.54	<u>+</u> ₽

|--|

6.1 x 87.5 x 39.5	
/4	
0.54	± E

480 A (4 mm²)

A4 / V-0

CSA

Qty. Order No.

50 **2051560000**

EN 60079-7





720 A (6 mm²)

A5 / V-0

CSA

Qty. Order No.

urrent Qty. Order No.

50 1991810000

50 **1991970000**

50 **1991920000**

20 9540000000

50 1991890000

50 **1991930000**

20 0310000000

1 **9042130000**

500 **2448930000**

500 **2448860000**

800 **1046350000**

Туре

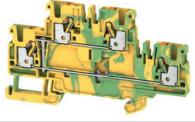
EN 60079-7



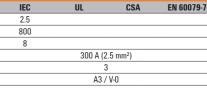


Qty. Order

50



0.142.5			= №
IEC 60947-7-2			
IEC	UL	CSA	EN 60079
2.5			
800			
8			



Rated connection
0.52.5 / 0.52.5
0.52.5 / 0.52.5
10 / 0.6 x 3.5 mm
Annroyal in progress

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
6			
800			
8			
	720 A (6 mm ²)	
		3	

Rated connection	
0.56 / 0.56	
0.56 / 0.56	
12 / 1.0 x 5.5 mm	

A5 / V-0

r No.	Туре	Qty.	Order No.
850000	A2T 2.5 PE	50	154768000

Туре	current	Qty.	Order No
AEP 3C 6		50	1991940
AEB 35 SC/1		50	1991920
ZEW 35		20	9540000
ATPG 1.5-10 L		50	1991890
ATPG 6 MI-R		50	1991930
PS 2.0 MC		20	0310000
SDIL 1,0x5,5x125		1	9042130
WS-A 8/8 MM WS		500	2448930
DEK-A 5/8 MM WS		500	2448860
DEK 5/8 PLUS MC NE WS		800	1046350

Туре	current Qty.	Order No.
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
ZEW 35/2	20	8630740000
PS 2.0 MC	20	0310000000
SDIL 0,6x3,5x100	1	9042110000
WS 10/5 M MC NE WS	720	1792000000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

IEC	UL	CSA	EN 60079-7
4			
800			
8			
	480 A	(4 mm ²)	
		3	
	A4 .	/ V-0	

Rated connection		
0.54 / 0.54		
0.54 / 0.54		
12 / 0.6 x 3.5 mm		

		Approval in progress
Qty.	Order No.	Туре

50 **2051360000**

50 **2051680000**

50 **1991920000**

20 **9540000000**

50 **1991890000**

50 **1991860000**

20 0310000000

1 9042110000

600 **2003780000**

600 **2007120000**

600 **2007160000**

1000

ent Qty. Order No.

IEC 60947-7-2

800

Rated connection

0.5...4 / 0.5...4

0.5...4 / 0.5...4

12 / 0.6 x 3.5 mm

IEC

Туре	current	Qty.	Order No.
AEP 4C 4		20	2051900000
AEB 35 SC/1		50	199192000
ZEW 35		20	954000000
ATPG 1.5-10 L		50	199189000
ATPG 4 MI-R		50	199186000

920000 000000 890000 860000
890000
890000
860000
000000
110000
320000
780000
120000
160000
1100 3200 7800 1200

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Order No.

50 **1989840000**

1989830000

Qty.

50

ADT 2.5 2C

IEC 60947-7-1

IEC

400

2.5

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Approval in progress

A/mm²

2-pole

10-pole

dark beige Blue

dark beige

dark beige

3-pole

5-pole

stackable

Standard

2.5 mm²

ADT 2.5 2C W/O DTLV

IEC 60947-7-1

20

2.5

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Approval in progress

IEC

2.5 mm²

A2C 2.5 /DT/FS

IEC 60947-7-1

800

24

2.5

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Approval in progress

Туре

ZQV 2.5N/2 ZQV 2.5N/10

AEP 4C 2.5

AEP 4C 2.5 BL

AEB 35 SC/1

ATPG 1.5-10 L

ATPG 2.5/3

ATPG 2.5/5

PS 2.0 MC

SDIL 0,6x3,5x100

DEK 5/5 PLUS MC NE WS

WS 10/5 M MC NE WS

DEK 5/5 MM WS

WS 8/5 MM WS

2462100000

ATPG 2.5 MI-R

7FW 35

IEC

A2C 2.5 PE /DT/FS

/ 2.5

ADT 2.5 3C

2.5 mm²



5.1 x 77.5 x 37.65		
20 / 2.5	o Ĭ	<u> </u>
0.142.5		

4 kV / 3

A3 / V-0

|--|

5.1 x 77.5 x 36.5			
20 / 2.5	o Ĭ	ŢŢ,	Į,
0.142.5			

4 kV / 3

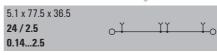
A3 / V-0

CSA

EN 60079-7

50 **1989930000**





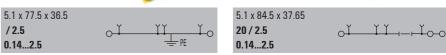
8 kV / 3

A3 / V-0

CSA

EN 60079-7





IEC 60947-7-2				IEC 60947-7-
IEC	UL	CSA	EN 60079-7	IEC
				400
				20
2.5				2.5
	/	3		
	A3 /	/ V-0		

Qty. Order No.

1989890000

IEC	UL	CSA	EN 60079-7
400			
20			
2.5			
	4 kV	/3	
	A3 /	V-0	

Rated connection	Rated connection	
0.52.5 / 0.52.5	0.52.5 / 0.52.5	
0.52.5 / 0.52.5	0.52.5 / 0.52.5	
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm	
Approval in progress	Approval in progress	

Туре

ADT 2.5 3C

ADT 2.5 3C BL

50 **1521530000**

50 **1521640000**

50 **1991920000**

20 9540000000

50 **1991890000**

25 **2041190000**

25 **2041180000**

50 **1991960000**

20 0310000000

1 **9042110000**

1000 **1854490000**

720 **1792000000**

800 **2007110000**

800 **2007150000**

current Qty. Order No.

24 A 20 **1527690000**

Туре	current	Qty.	Order I
AEP 4C 2.5		50	15215
AEB 35 SC/1		50	19919
ZEW 35		20	95400
ATPG 1.5-10 L		50	19918
ATPG 2.5/3		25	20411
ATPG 2.5/5		25	20411
ATPG 2.5 MI-R		50	19919
PS 2.0 MC		20	03100
SDIL 0,6x3,5x100		1	90421
DEK 5/5 PLUS MC NE WS		1000	185449
WS 10/5 M MC NE WS		720	17920
DEK 5/5 MM WS		800	20071
WS 8/5 MM WS		800	20071

Туре	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540
ZQV 2.5N/10	24 A	20	1527690
AEP DT 2.5 3C		50	1989970
AEB 35 SC/1		50	1991920
ZEW 35		20	9540000
ATPG 1 5-10 I		50	1991890
ATPG 2.5/3		25	2041190
ATPG 2.5/5		25	2041180
ATPG 2.5 MI-R		50	1991960
PS 2.0 MC		20	0310000
SDIL 0,6x3,5x100		1	9042110
DEK 5/5 PLUS MC NE WS		1000	1854490
WS 10/5 M MC NE WS		720	1792000
DEK 5/5 MM WS		800	2007110
WS 8/5 MM WS		800	2007150

Max. clamping range Technical data

Width/Height/Depth

max. current / max. cond. cross-section

Rated data	
Rated voltage of feed-through terminal	V
Rated current	Α
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Accessories

Oruering uata	
Version	
	dark beige
	blue
	without isolator
Note	

	Туре	Qty.	Order No.
eige	ADT 2.5 2C	50	1989800000
blue	ADT 2.5 2C BL	50	1989810000
ator			

J1 2.3 26 BL		50	1303010000	
				ADT 2.5 2C W/O DTLV
pe	current	Qty.	Order No.	Туре
pe NV 2.5N/2	current 24 A	Q ty.	Order No. 1527540000	Type ZQV 2.5N/2
•				
IV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2

Туре	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 4C 2.5		50	1521530000
AEP 4C 2.5 BL		50	1521640000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
ATPG 2.5 MI-R		50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 10/5 M MC NE WS		720	1792000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

current	Qty.	Order No.
24 A	60	1527540000
24 A	20	1527690000
	50	1521530000
	50	1521640000
	50	1991920000
	20	9540000000
	50	1991890000
	25	2041190000
	25	2041180000
	50	1991960000
	20	0310000000
	1	9042110000
	1000	1854490000
	720	1792000000
	800	2007110000
	800	2007150000
	24 A	24 A 60 24 A 20 50 50 20 20 25 25 25 20 1 1000 720 800

For detailed information on other accessories and
application in the online catalogue

All MultiMark variants (MM) = strip markers

30 Weidmüller 🛣

Identification systems

IEC 60947-7-1

2.5

IEC

mm²

mm/-

2.5 mm²

EN 60079-7

ADT 2.5 4C

2.5 mm²

ADT 2.5 4C W/O DTLV

2.5 mm²





Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm²

5.1 x 84.5 x 36.5		
20 / 2.5	O Ĭ ĬĬ	1 10-0
0.142.5		

|--|

CSA EN 60079-7

36.5	o ĭ ĭĭ	-0	20 / 2.5 0.142.5	0-04-14-14

IEC 60947-7-1

IEC

	1.7
5.1 x 96 x 37.65	Y Y Y Y
20 / 2.5 0.142.5	0-01-11-110-0

Technical data	
Rated data	
Rated voltage of feed-through terminal	V
Rated current	Α
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²

Flexible / Flexible with ferrule

Stripping length / Blade size

Rated connection		
0.52.5 / 0.52.5		
0.52.5 / 0.52.5		
10 / 0.6 x 3.5 mm		

20		
2.5		
	4 kV / 3	
	A3 / V-0	
tad connection		

Rated connection	
0.52.5 / 0.52.5	
0.52.5 / 0.52.5	
10 / 0.6 x 3.5 mm	
Approval in progress	

4 kV / 3 A3 / V-0

Rated connection	
0.52.5 / 0.52.5	
0.52.5 / 0.52.5	
10 / 0.6 x 3.5 mm	

Ordering data		
Version		Туре
	dark beige	
	blue	
	without isolator	ADT :
Note		

Туре	Qty.	Order No.
ADT 2.5 3C W/O DTLV	50	1989940000

Type	Qty.	Order No.
ADT 2.5 4C	50	1989860000
ADT 2.5 4C BL	50	1989870000

Accessories		
Pluggable cross-connection		T
	2-pole	Z Z
	10-pole	Z
End plate		
	dark beige	A
	Blue	
End bracket		
	dark beige	A A A A
	dark beige	Z
Test adapter		
	1-pole	Α
	3-pole	_A
	5-pole	_A
	stackable	_A
Test plug		
		_P
Screwdriver		
	Standard	S
Identification systems		

Туре	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP DT 2.5 3C		50	1989970000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
ATPG 2.5 MI-R		50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 10/5 M MC NE WS		720	1792000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

24 A 24 A	0ty. 60 20 50 50	Order No. 1527540000 1527690000 1989980000
	50	1527690000 1989980000
24 A	50	1989980000
	50	
	50	
		1991920000
		1991920000
		1991920000
	20	
	20	9540000000
	50	1991890000
	25	2041190000
	25	2041180000
	50	1991960000
	20	0310000000
	1	9042110000
	1000	1854490000
	720	1792000000
	800	2007110000
	800	2007150000
		25 25 50 20 1 1000 720 800

OV 2.5N/2	24 A	60	1527540000
DV 2.5N/10	24 A	20	1527690000
EP DT 2.5 4C		50	1989980000
EB 35 SC/1		50	1991920000
W 35		20	9540000000
ΓPG 1.5-10 L		50	1991890000
TPG 2.5/3		25	2041190000
ΓPG 2.5/5		25	2041180000
TPG 2.5 MI-R		50	1991960000
S 2.0 MC		20	0310000000
OIL 0,6x3,5x100		1	9042110000
EK 5/5 PLUS MC NE WS		1000	1854490000
'S 10/5 M MC NE WS		720	1792000000
EK 5/5 MM WS		800	2007110000
S 8/5 MM WS		800	2007150000

2.5N/10	24 A 20	1527690000
DT 2.5 4C	50	1989980000
35 SC/1	50	1991920000
35	20	9540000000
3 1.5-10 L	50	1991890000
3 2.5/3	25	2041190000
3 2.5/5	25	2041180000
3 2.5 MI-R	50	1991960000
.0 MC	20	0310000000
0,6x3,5x100	1	9042110000
5/5 PLUS MC NE WS	1000	1854490000
10/5 M MC NE WS	720	1792000000
5/5 MM WS	800	2007110000
B/5 MM WS	800	2007150000

(MM) = strip markers	All MultiMark variants (MM) =

5.1 x 96 x 36.5 0-01-11-10-0 20 / 2.5 0.14...2.5

IEU 60947-7-1			
IEC	UL	CSA	EN 60079-7
400			
20			
2.5			
	4 k	V / 3	
	A3	/ V-0	

Rated connection	
0.52.5 / 0.52.5	
0.52.5 / 0.52.5	
10 / 0.6 x 3.5 mm	
AI:	

Туре	Qty.	Order No.
ADT OF ADMI/ODTIV		1000050000
ADT 2.5 4C W/O DTLV	50	1989950000

ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP DT 2.5 4C		50	1989980000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
ATPG 2.5 MI-R		50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 10/5 M MC NE WS		720	1792000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

All MultiMark variants (

32 Weidmüller 🏖 2462100000 2462100000 **APGTB 2.5 FT 2C/1**

IEC 60947-7-1

IEC

24

2.5

Rated connection 0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Approval in progress

A/mm²

2.5 mm²

APGTB 2.5 PE 2C/1

Rated connection 0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Approval in progress

APGTB 2.5 PE 2C/1

2.5 mm²

APGTB 2.5 2T 4C/2

APGTB 2.5 2T VL 4C/2

APGTB 2.5 2T FT-PE 4C/2

2.5 mm²

CSA

8 kV / 3

A3 / V-0

EN 60079-7



1	5.1 x 55 x 36.5		
2	24 / 2.5	ĭ ĭĭ	
2	0.142.5		Ĭ

8 kV / 3

A3 / V-0

CSA

EN 60079-7

Order No.

100 **1513990000**

1513970000

Qty.

5.1 x 55 x 36.5			
/ 2.5	Ĭ	TT ,	
0.142.5		 ₽E	

4 04 505

5.1 x 91 x 50.5	Y YY a
24 / 2.5	Y YY
0.142.5	•

8 kV / 3

A3 / V-0

CSA

EN 60079-7

Order No.

50 **1548070000**

1548060000

Qty.



8 kV / 3

A3 / V-0

	and the same of th		
5.1 x 91 x 50.5 24 / 2.5 0.142.5	110010	5.1 x 91 x 50.5 24 / 2.5 0.142.5	1 110
0.142.3		0.142.3	— Pt
IEC 60947-7-1		IEC 60947-7-1, IEC 60947-7-2	

EN 60079-7

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
800			
2.5			
	/	3	
	A3 /	V-0	

Qty. Order No.

50 **1513870000**

2462100000

Rated connection	
0.52.5 / 0.52.5	
 0.52.5 / 0.52.5	
 10 / 0.6 x 3.5 mm	
Approval in progress	

Туре

APGTB 2.5 2T 4C/2

APGTB 2.5 2T 4C/2 BL

IEC 60947-7-1

800

24

2.5

IEC

Rated connection
0.52.5 / 0.52.5
0.52.5 / 0.52.5
10 / 0.6 x 3.5 mm
Approval in progress

IEC

800

24

2.5

Туре	Qtv.	Order No.	Type	Qtv.	Order No.
APGTB 2.5 2T VL 4C/2	50	1548140000	Туре	uty.	Oluci No.
APGTB 2.5 2T VL 4C/2 BL	50	1548150000			
711 010 2.0 21 12 10, 2 52		101010000	APGTB 2.5 2T FT-PE 4C/2	50	154813000

IEC

24

2.5

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Approval in progress

Tone	current	04
Type ZQV 2.5N/2	24 A	Qty.
ZQV 2.5N/10	24 A	20
AEP 2T 2.5		20
AEP 2T 2.5 BL		20
AEB 35 SC/1		50
ZEW 35/2		20
APG 2.5/1		50
PS 2.0 MC		20
SDIL 0,6x3,5x100		1
DEK 5/5 PLUS MC NE WS		1000
WS 10/5 M MC NE WS		720
DEK 5/5 MM WS		800
WS 8/5 MM WS		800

Туре	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	152754000
ZQV 2.5N/10	24 A	20	152769000
AEP 2T 2.5		20	154769000
AEP 2T 2.5 BL		20	154770000
AEB 35 SC/1		50	199192000
ZEW 35/2		20	863074000
APG 2.5/1		50	151372000
PS 2.0 MC		20	031000000
SDIL 0,6x3,5x100		1	904211000
DEK 5/5 PLUS MC NE WS		1000	185449000
WS 10/5 M MC NE WS		720	179200000
DEK 5/5 MM WS		800	200711000
WS 8/5 MM WS		800	200715000

Туре	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEP 2T 2.5 BL		20	1547700000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
APG 2.5/1		50	1513720000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 10/5 M MC NE WS		720	1792000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Max. clamping range Technical data

Width/Height/Depth

max. current / max. cond. cross-section

Kated data	
Rated voltage of feed-through terminal	V
Rated current	Α
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (HOEV/HO7V)	

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Ordering	data

Version		Туре
	dark beige	APGTB 2.5 FT 2C/1
	blue	APGTB 2.5 FT 2C/1 BL
	green/yellow	
Note		

Accessories	

Pluggable cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige
	dark beige
Plug	
Test plug	
Screwdriver	
	Standard
Identification systems	
<u> </u>	

Туре	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2C 2.5		50	1514400000
AEP 2C 2.5 BL		50	1514420000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
APG 2.5/1		50	1513720000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 10/5 M MC NE WS		720	1792000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Туре	current Qty.	Order No.
AEP 2C 2.5	50	1514400000
AEB 35 SC/1	50	1991920000
ZEW 35	20	9540000000
PS 2.0 MC	20	0310000000
SDIL 0,6x3,5x100	1	9042110000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 10/5 M MC NE WS	720	1792000000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
	AEP 2C 2.5 AEB 35 SC/1 ZEW 35 PS 2.0 MC SDIL 0,6x3,5x100 DEK 5/5 PLUS MC NE WS WS 10/5 M MC NE WS DEK 5/5 MM WS	AEP 2C 2.5 50 AEB 35 SC/1 50 ZEW 35 20 PS 2.0 MC 20 SDIL 0,6x3,5x100 1 DEK 5/5 PLUS MC NE WS 1000 WS 10/5 M MC NE WS 720 DEK 5/5 MM WS 800

For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

2462100000

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

IEC 60947-7-2

2.5



Width/Height/Depth	mn
max. current / max. cond. cross-section	-/mm
Max. clamping range	mm

5.1 x 91 x 50.5	Y YY a
/ 2.5	Y T
0.142.5	± PE

8 kV / 3 A3 / V-0

Tec	hnica	l data	

Rated data	
Rated voltage of feed-through terminal	V
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	

Approvals		
Clamped conductors (H05V/H07V)		Rated connection
Solid / Stranded	mm ²	0.52.5 / 0.52.5
Flexible / Flexible with ferrule	mm ²	0.52.5 / 0.52.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm
Note		Approval in progress

Ordering data

Version	
	dark beige
	blue
	green/yellow
Note	

Accessories

Pluggable cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
nd bracket	
	dark beige
	dark beige
Plug	
Test plug	
Screwdriver	
	Standard
dentification systems	
<u> </u>	

Туре	Qty.	Order No.
APGTB 2.5 2T PE 4C/2	50	1548160000

Туре	current Qty.	Order No.
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
ZEW 35/2	20	8630740000
PS 2.0 MC	20	0310000000
SDIL 0,6x3,5x100	1	9042110000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 10/5 M MC NE WS	720	1792000000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

All MultiMark variants (MM) = strip markers

APG 2.5

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	
Max. voltage of clamp support & pluggable system	
Rated current	
for wire cross-section	n
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

ote			

Ordering data

Version		

ion	
	1-pin
	2-pin
	3-pin
	4-pin
	5-pin
	6-pin
	7-pin
	8-pin
	9-pin
	10-pin

Accessories	
Coding	
Cover	
Interlock	
Strain relief	

	Identification	systems
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2462100000

2462100000

5.1 x 16.5 x 42.5	
24 / 2.5	
0.142.5	

IEC 61984			
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 h/l	1/3	

Rated connection	Plug-in connection
0.52.5 / 0.52.5	
0.52.5 / 0.52.5	
10 / 0.6 x 3.5 mm	

A3 / V-0

Approval in progress		

Туре	Qty.	Order No.
APG 2.5/1	50	1513720000
APG 2.5/2	25	1513640000
APG 2.5/3	25	1513650000
APG 2.5/4	25	1513670000
APG 2.5/5	25	1513680000
APG 2.5/6	25	1513690000
APG 2.5/7	25	1513700000
APG 2.5/8	20	1513730000
APG 2.5/9	20	1513740000
APG 2.5/10	20	1513770000

Туре	current	Qty.	Order No.
APGCE		50	1514490000

APGCE	50	1514490000
APGPC 2.5	50	1514500000
APGLE 2.5	25	2457570000
APGSR 2.5	25	2457580000
APGSR 2.5/4	25	2457590000
APGSR 2.5/8	25	2457600000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 10/5 M MC NE WS	720	1792000000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

For detailed information on other accessories and application in the online catalogue

Width/Height/Depth

Max. clamping range Technical data

Rated data

Rated voltage

Rated current

Approvals

Note

Note

Solid / Stranded

Ordering data

Accessories

End plate

Test adapter

Pluggable cross-con

for wire cross-section

max. current / max. cond. cross-section

Rated impulse withstand voltage / Pollution severity

Gauge to IEC 60947-1 / UL 94 flammability rating

Clamped conductors (H05V/H07V)

Flexible / Flexible with ferrule

Stripping length / Blade size

AI021 1.5 SI

A/mm²

mm/-

2-pole/red

10-pole / red

2-pole / blue

10-pole/ blue

dark beige

dark beige

1-pole

stackable

Standard

1.5 mm²

EN 60079-7

100 **1992260000**

current Qty. Order No.

17.5 A 60 **1985650000**

17.5 A 20 **1985800000**

17.5 A 60 **1985530000**

17.5 A 20 **1985680000**

50 **1993580000**

50 **1991920000**

20 9540000000

50 1991890000

50 **1991880000**

20 0310000000

9037160000

1000 **2007100000**

1600 **2003750000**

960 2003760000

2007140000

AI021 1.5 SO

1.5 mm²

EN 60079-7

100 **1992240000**

current Qty. Order No.

17.5 A 60 **1985530000**

17.5 A 20 **1985680000**

50 **1993580000**

50 **1991920000**

20 9540000000

50 1991890000

50 **1991880000**

20 0310000000

9037160000

1000 **2007100000**

1600 **2003750000**

960 2003760000

2007140000

1000

CSA

AI021 1.5 SO-PE

AI022 1.5 SI-PE

In accordance with IEC 60947-7-1

IEC

250

13.5

1.5

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1.5

8 / 0.4 x 2.0 mm

Approval in progress

AI023 1.5 2SI

1.5 mm²



CSA

3.5 x 80 x 42		. Y .
13.5 / 1.5	Lol Lol	0(
0.141.5	-00-	

4 kV / 3

A1 / V-0

In accordance with IEC 60947-7-1

IEC

250

13.5

1.5

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1.5

8 / 0.4 x 2.0 mm

Approval in progress

AI021 1.5 SI

Туре

ZQV 1.5N/2 RD

ZQV 1.5N/10 RD

ZQV 1.5N/2 BL

ZQV 1.5N/10 BL

AFP IN21

ZEW 35

AEB 35 SC/1

ATPG 1 5-10 I

ATPG 1.5 MI-R

SDS 0.4X2 0X60

DEK 5/3.5 MM WS

WS 8/3.5 MM WS

DEK 5/3.5 PLUS MC NE WS

WS 10/3.5 PLUS MC NE WS



3.5 x 80 x 42		. Y .
13.5 / 1.5	YaY	0—0
0.141.5	-0-	

4 kV / 3

A1 / V-0

In accordance with IEC 60947-7-1

IEC

13.5

1.5

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1.5

8 / 0.4 x 2.0 mm

Approval in progress

Туре

AI021 1.5 SO

ZQV 1.5N/2 BL

ZQV 1.5N/10 BL

AFP IN21

ZEW 35

AEB 35 SC/1

ATPG 1 5-10 I

ATPG 1.5 MI-R

PS 2.0 MC

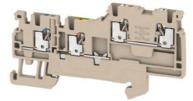
SDS 0.4X2 0X60

DEK 5/3.5 MM WS

WS 8/3.5 MM WS

DEK 5/3.5 PLUS MC NE WS

WS 10/3.5 PLUS MC NE WS



3.5 x 80 x 42		o Y
13.5 / 1.5	Ĭ _A Ĭ ~	00
0.141.5	_ FE	

4 kV / 3

A1 / V-0

CSA

In accordance with IEC 60947-7-1

IEC

250

13.5

1.5

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1.5

8 / 0.4 x 2.0 mm

Approval in progress

2462100000



3.5 x 89 x 45	- Y -	3
13.5 / 1.5	0 → 0	1
0.141.5		0

4 kV / 3

A1 / V-0

CSA

EN 60079-7



In accordance w	ith IEC 60947-7-1		
IEC	UL	CSA	EN 60079
250			
13.5			
1.5			

1.5		
	4 kV / 3	
	A1 / V-0	
Rated connection		
0.51.5 / 0.51.5		

Rated connection
0.51.5 / 0.51.5
0.51.5 / 0.51.5
8 / 0.4 x 2.0 mm

Туре	Qty.	Order No.	Туре
AI022 1.5 SI-PE	100	1992230000	AI023 1

	Туре	Qty.	Order No.
0	AI023 1.5 2SI	100	1992220000

current Qty. Order No.

17.5 A 60 **1985650000**

17.5 A 20 **1985800000**

17.5 A 60 **1985530000**

17.5 A 20 **1985680000**

50 **1993600000**

50 **1991920000**

20 **9540000000**

50 **1991890000** 50 **1991880000**

20 0310000000

1 **9037160000**

2007140000

1000 2007100000

1600 **2003750000**

960 2003760000

1000

Туре	current	Qty.	Order No.	Туре	currer
ZQV 1.5N/2 RD	17.5 A	60	1985650000	ZQV 1.5N/2 RD	17.5
ZQV 1.5N/10 RD	17.5 A	20	1985800000	ZQV 1.5N/10 RD	17.5
ZQV 1.5N/2 BL	17.5 A	60	1985530000	ZQV 1.5N/2 BL	17.5
ZQV 1.5N/10 BL	17.5 A	20	1985680000	ZQV 1.5N/10 BL	17.5
AEP IO21		50	1993580000	AEP 1022	
AEB 35 SC/1		50	1991920000	AEB 35 SC/1	
ZEW 35		20	9540000000	ZEW 35	
ATPG 1.5-10 L		50	1991890000	ATPG 1.5-10 L	
ATPG 1.5 MI-R		50	1991880000	ATPG 1.5 MI-R	
PS 2.0 MC		20	0310000000	PS 2.0 MC	
SDS 0.4X2.0X60		1	9037160000	SDS 0.4X2.0X60	
DEK 5/3.5 MM WS		1000	2007100000	DEK 5/3.5 MM WS	
WS 8/3.5 MM WS		1000	2007140000	WS 8/3.5 MM WS	
DEK 5/3.5 PLUS MC NE WS		1600	2003750000	DEK 5/3.5 PLUS MC NE WS	
WS 10/3.5 PLUS MC NE WS		960	2003760000	WS 10/3.5 PLUS MC NE WS	

lype	current	Uty.	Urder No.	Type
ZQV 1.5N/2 RD	17.5 A	60	1985650000	ZQV 1.5N/2 RD
ZQV 1.5N/10 RD	17.5 A	20	1985800000	ZQV 1.5N/10 RD
ZQV 1.5N/2 BL	17.5 A	60	1985530000	ZQV 1.5N/2 BL
ZQV 1.5N/10 BL	17.5 A	20	1985680000	ZQV 1.5N/10 BL
AEP 1022		50	1993590000	AEP I023
AEB 35 SC/1		50	1991920000	AEB 35 SC/1
ZEW 35		20	9540000000	ZEW 35
ATPG 1.5-10 L		50	1991890000	ATPG 1.5-10 L
ATPG 1.5 MI-R		50	1991880000	ATPG 1.5 MI-R
PS 2.0 MC		20	0310000000	PS 2.0 MC
SDS 0.4X2.0X60		1	9037160000	SDS 0.4X2.0X60
DEK 5/3.5 MM WS		1000	2007100000	DEK 5/3.5 MM WS
WS 8/3.5 MM WS		1000	2007140000	WS 8/3.5 MM WS
DEK 5/3.5 PLUS MC NE WS		1600	2003750000	DEK 5/3.5 PLUS MC NE WS
WS 10/3.5 PLUS MC NE WS		960	2003760000	WS 10/3.5 PLUS MC NE WS

	4 kV / 3	
	A1 / V-0	
Rated connection		
0.51.5 / 0.51.5		
0.51.5 / 0.51.5		
8 / 0.4 x 2.0 mm		
Approval in progress		

EN 60079-7

Туре	current	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP 1022		50	1993590000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000
WS 10/3.5 PLUS MC NE WS		960	2003760000

For detailed information on other accessories and All MultiMark variants (MM) – strip markors All MultiMark variants (MM) – strip markors				
application in the online catalogue	For detailed information on other accessories and	All MultiMark variants (MM) = strip markers	All MultiMark variants (MM) = strip markers	

All MultiMark variants (MM) = strip markers All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

AAP116L0

mm

A/mm²

6 mm²

AAP116FE

8.1 x 85.5 x 48

41/6

0.5...6

IEC

6 mm²

CSA EN 60079-7



8.1 x 85.5 x 48		
41/6	Ι_0	ĭ
0.56		

1.5 mm²

CSA EN 60079-7

Qty. Order No.

50 **1988170000**

1000 2007100000

1000 **2007140000**

1988160000

50

3.5 x 85.5 x 48	
17.5 / 1.5	0-0-0-0-0-1
0.141.5	

6 kV / 3

A1 / V-0

AAP11 1.5 LI

IEC/EN 60947-7-1:2009

IEC

500 17.5 1.5

Rated connection 0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1.5 8 / 0.4 x 2.0 mm Approval in progress

Туре

AAP11 1.5 LI RD

AAP11 1.5 LI BL

DEK 5/3.5 MM WS

WS 8/3.5 MM WS

Rated data	
Rated voltage of feed-through terminal	V
Rated current	А
for wire cross-section	mm ²

Gauge to IEC 60947-1 / UL 94 flammability rating Number of operating cycles

Approvals

Ordering data

Width/Height/Depth

Max. clamping range

max. current / max. cond. cross-section

mm ²
mm ²
mm/-

IEC	UL	CSA	EN 60079-7
500			
41			
6			
	6 kV	/3	
	A5 /	V-0	

300
41
6

Rated connection	
0.56 / 0.56	
0.56 / 0.56	
12 / 1 0 x 5 5 mm	

6 kV / 3

A5 / V-0

12 / 1.0 x 5.5 mm	12 / 1.0 x 5.5 mm
Approval in progress	Approval in progress

Rated connection	
0.56 / 0.56	
0.56 / 0.56	
12 / 1.0 x 5.5 mm	
12 / 1.0 x 5.5 mm	

	Туре	Qty.	Order No.
beige Wemid / red pusher	AAP11 6 LO RD	20	1989780000
beige Wemid / blue pusher	AAP11 6 LO BL	20	1988130000
beige Wemid / red and blue pushers			

Rated connection 0.5...6 / 0.5...6

0.5...6 / 0.5...6

Туре	Qty.	Order No.
AAP11 6 FE	20	1988140000
FE = functional earth, contact to DIN rail.		

Note	
Accessories	
Pluggable cross-connection	
	2-pole/ red
	10-pole / red

	10 polo / 10a
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige
Test plug	
Screwdriver	
	Standard
Identification systems	
•	

Туре	current	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP11		20	1988320000
AEB 35 SC/1		50	1991920000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000

Туре	current	Qty.	Order No.
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP11		20	1988320000
AEB 35 SC/1		50	1991920000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000

Туре	current	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP11		20	1988320000
AEB 35 SC/1		50	1991920000
SDIS 0.4X2.0X60		1	9205690000
WS 10/3.5 PLUS MC NE WS	;	960	2003760000

For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

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All MultiMark variants (MM) = strip markers

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max. current / max. cond. cross-section

Width/Height/Depth

Max. clamping range

Stripping length / Blade size

AAP13 6 LO-LO

A/mm²

mm/-

beige Wemid / red pusher

beige Wemid / blue pusher beige Wemid / red and blue pushers 6 mm²

AAP13 6 FE-LO

6 mm²

AAP13 1.5 LI-LI

1.5 mm²



8.1 x 96 x 48		8.1 x 96 x 48
41/6	LOII LOII	41/6
0.56		0.56

EEG EEG
0.5.00.40

3.5 x 96 x 48	
17.5 / 1.5	0-0-JJ 0-0-JJ
0.141.5	

4 kV / 3 A1 / V-0

CSA EN 60079-7

Qty. Order No.

50 **1988280000**

IEC/EN 60947-7-1:2009 IEC

250 17.5 1.5

Rated connection 0.5...1.5 / 0.5...1.5 0.5...1.5 / 0.5...1.5

8 / 0.4 x 2.0 mm Approval in progress

Type AAP13 1.5 LI-LI

「echnical data	
Rated data	
Rated voltage of feed-through terminal	V
Rated current	Α
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm ²

IEC	UL	CSA	EN 60079-7
250			
41			
6			
	4 k\	//3	
	A5 /	/ V-0	

IEC	UL	CSA	EN 60079-7
250			
41			
6			
	4 k	V/3	
	A5	/ V-0	

Rated connection	
0.56 / 0.56	
0.56 / 0.56	
12 / 1.0 x 5.5 mm	

Rated connection		
0.56 / 0.56		
0.56 / 0.56		
12 / 1.0 x 5.5 mm		

Туре	Qty.	Order No.	Туре
AAP13 6 LO-LO	20	1988260000	AAP13 6
			EE - function

ре	Qty.	Order No.
AP13 6 FE-LO	20	1988270000
= functional earth, contact to DIN rail.		

уре	Qty.	Order No.	Туре
AP13 6 LO-LO	20	1988260000	AAP13 6 FE-LO
			FE = functional earth, co

Туре	current	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP13		20	1990140000
AEB 35 SC/1		50	1991920000
SDIS 0.4X2.0X60		1	9205690000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000
DER 3/3.3 I LOS IVIC IVE VVS			
DEK 5/3.5 MM WS		1000	2007100000

Δ	cci	29	SO	rie	26

Ordering data

Pluggable cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige
Test plug	
Screwdriver	
	Standard
Identification systems	

Туре	current	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP13		20	1990140000
AEB 35 SC/1		50	1991920000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000

Туре	current	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP13		20	1990140000
AEB 35 SC/1		50	1991920000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000

For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

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max. current / max. cond. cross-section

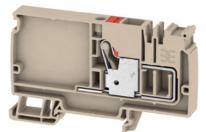
AAP12 10 L0

A/mm²

10 mm²

AAP12 10 FE

10 mm²





10 x 89 x 54 **57 / 10**

0.5...10

10 x 89 x 54		
57 / 10	Ĭ_0	<u> </u>
0.510		

CSA

8 kV / 3 A3 / V-0 2.5 mm²

EN 60079-7

5.1 x 89 x 54	
24 / 2.5	0-0-0-0
0.52.5	

IEC/EN 60947-7-1:2009

800 24 2.5

Rated connection 0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

AAP12 2.5 LI

Technical data	
Rated data	
Rated voltage of feed-through terminal	V
Rated current	Α
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	

IEC	UL	CSA	EN 60079-7
800			
57			
10			
	8 kV	1/3	
	A6 /	′ V-0	

IEC	UL	CSA	EN 60079-7
800			
57			
10			
	8 k	V/3	
	A6	/ V-0	

Approvals		
Clamped conductors (H05V/H07V)		Rated connection
Solid / Stranded	mm ²	0.510 / 0.510
Flexible / Flexible with ferrule	mm ²	0.510 / 0.510
Stripping length / Blade size	mm/-	18 / 1.0 x 5.5 mm
Note		Approval in progress

Rated connection	
0.510 / 0.510	
0.510 / 0.510	
 18 / 1.0 x 5.5 mm	

Approval in progress		
Туре	Qty.	Order No.

Ordering data

Width/Height/Depth

Max. clamping range

Version		Туре
	beige Wemid / red pusher	AAP12 10 LO F
	beige Wemid / blue pusher	AAP12 10 LO E
	beige Wemid / red and blue pushers	
Note		

Туре	Qty.	Order No.	Туре
AAP12 10 LO RD	20	1988190000	
AAP12 10 LO BL	20	1988180000	AAP12 10 FE
			FE = functional earth, contact to l

Qty.	Order No.	Туре	Qty.	Order No.
		AAP12 2.5 LI RD	50	19882900
20	1988200000	AAP12 2.5 LI BL	50	19881000
act to DIN rail.				

Accessories
Dluggable cross

Pluggable cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige
Test plug	
Screwdriver	
	Standard
Identification systems	

Туре	current	Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	2108470000
ZQV 2.5N/10 RD	24 A	20	2108910000
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP12		20	1988300000
AEB 35 SC/1		50	1991920000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000

Гуре	current	Qty.	Order No.
2QV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP12		20	1988300000
AEB 35 SC/1		50	1991920000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000

Туре	current	Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	2108470000
ZQV 2.5N/10 RD	24 A	20	2108910000
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP12		20	1988300000
AEB 35 SC/1		50	1991920000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

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max. current / max. cond. cross-section

AAP14 10 LO-LO

500

10 mm²

AAP14 10 FE-LO

57/10

0.5...10

10 mm²





x 94 x 54	
/ / 10	LOII LOII
510	

a Lli	

2.5 mm²

CSA EN 60079-7

AAP14 2.5 LI-LI

IEC/EN 60947-7-1:2009 IEC

500 24 2.5

Rated connection 0.5...2.5 / 0.5...2.5 0.5...2.5 / 0.5...2.5 10 / 0.6 x 3.5 mm Approval in progress

5.1 x 94 x 54	
24 / 2.5	
0.52.5	

6 kV / 3 A3 / V-0

Technical data

Width/Height/Depth

Max. clamping range

Rated data	
Rated voltage of feed-through terminal	V
Rated current	Α
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	

Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

6 kV / 3	
A6 / V-0	
	·

THE COUNTY OF TH	
0.510 / 0.510	
0.510 / 0.510	
18 / 1.0 x 5.5 mm	
Approval in progress	

IEC	UL	CSA	EN 60079-7
500			
57			
10			
	6 k	V / 3	
	A6	/ V-0	

Rated connection	
0.510 / 0.510	
0.510 / 0.510	
18 / 1.0 x 5.5 mm	

Ordering data

Accessories

Version	
	beige Wemid / red pusher
	beige Wemid / blue pusher
	beige Wemid / red and blue pushers
Note	

	Order No.
20	1988250000
	20

Туре	Qty.	Order No.
AAP14 10 FE-LO	20	1988240000
E = functional earth, contact to DIN rail.		

beige Wemid / blue pusher			
beige Wemid / red and blue pushers	AAP14 10 LO-LO	20	1988250000
Note			

A/mm²

Pluggable cross-connection		Туре	current	Qty.	Order No.
	2-pole/ red	ZQV 2.5N/2 RD	24 A	60	2108470000
	10-pole / red	ZQV 2.5N/10 RD	24 A	20	2108910000
	2-pole / blue	ZQV 2.5N/2 BL	24 A	60	1527740000
	10-pole/ blue	ZQV 2.5N/10 BL	24 A	20	1527880000
End plate / Partition plate					
		AEP AP14		20	1988340000
End bracket					
	dark beige	AEB 35 SC/1		50	1991920000
Test plug					
		PS 2.0 MC		20	0310000000
Screwdriver					
	Standard	SDIL 1,0x5,5x125		1	9042130000
Identification systems					
		WS 7.8/9.2 PLUS MC NE GR		360	1208970000

Туре	current	Uty.	Urder No.
ZQV 2.5N/2 RD	24 A	60	2108470000
ZQV 2.5N/10 RD	24 A	20	2108910000
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP14		20	1988340000
AEB 35 SC/1		50	1991920000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000

Туре	Qty.	Order No.
AAP14 2.5 LI-LI	50	1988230000

Туре	current	Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	2108470000
ZQV 2.5N/10 RD	24 A	20	2108910000
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP14		20	1988340000
AEB 35 SC/1		50	1991920000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

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All MultiMark variants (MM) = strip markers

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All MultiMark variants (MM) = strip markers

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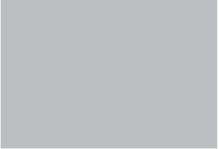
maxGUARD – Feed-in module

Potential distribution with integrated electronic load

AMG FIM-0







Technical data

Input	
Input fuse (internal)	
DC input voltage range	
Rated input voltage	
Current consumption (idle)	
Current consumption (full load)	
max. admissible residual ripple at the input	
Surge protection	
Output	
Connection system [Output]	
Surge protection	
General data	
Protection degree	
Control inputs	
Overvoltage category	
Connection data	
Number of terminals	
Wire cross-section, AWG/kcmil min/max	
Wire cross-section, flexible min/max	
Wire cross-section, rigid min/max	
Screwdriver blade	
Annroyale	

18 31.2 V DC
24 V DC
100 mVpp
Yes
PUSH IN
Yes
IP20
III .
2 (+,-)
186
0.7516 mm ²
0.7510 mm ²
1.2 x 6.5
CE

Ordering data

Hateu Ct	arront			
Note				

уре	Qty.	Order No.
MG FIM-0	1	2081870000

Accessories

Pluggable cross-connection	
	50-pole
	50-pole / red
	50-pole / blue
	2-pole
	2-pole/ red
	2-pole / blue
Note	

Туре	Qty.	Order No.
ZQV 4N/50	5	1528130000
ZQV 4N/50 RD	60	2460730000
ZQV 4N/50 BL	5	1528240000
ZQV 4N/2	60	1527930000
ZQV 4N/2 RD	60	2460450000
ZQV 4N/2 BL	60	1528040000

maxGUARD – feed-in module

Potential distribution with integrated electronic load monitoring

AMG FIM-C





Technical data

I GUIIIII GAI GAIG	
Input	
Input fuse (internal)	
DC input voltage range	18 31.2 V
Rated input voltage	24 V DC
Current consumption (idle)	15 mA
Current consumption (full load)	
max. admissible residual ripple at the input	100 mVpp
Surge protection	Yes
Output	
Connection system [Output]	PUSH IN
Surge protection	Yes
General data	
Protection degree	IP20
Control inputs	ON/ OFF
Overvoltage category	III
Signalling	
LED yellow	External rese
LED green	Operating vo
LED red	Alarm
Transistor output, positive-switching	Alarm
Connection data	
Number of terminals	2 (+,-)
Wire cross-section, AWG/kcmil min/max	186
Wire cross-section, flexible min/max	0.7516 mn
Wire cross-section, rigid min/may	0.75 10 mm

18 31.2 V DO	•
24 V DC	
15 mA	
100 mVpp	
Yes	
PUSH IN	
Yes	
IP20	
ON/ OFF	
III	
External reset is	s signalled, Alarm is signalled
Operating volta	ge OK
Alarm	
Alarm	
2 (+,-)	
186	
0.7516 mm ²	
0.7510 mm ²	
1.2 x 6.5	
CE	

Туре	Qty.	Order No.
AMG FIM-C	1	2081880000
AMG FIM-C	1	20818800

Accessories

2462100000

2462100000

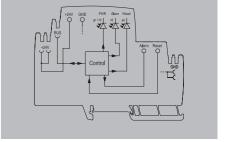
Screwdriver blade

Ordering data

Approvals

000001100	
iggable cross-connection	
	50-pole
	50-pole / red
	50-pole / blue
	2-pole
	2-pole/ red
	2-pole / blue
te	

Type	Lty.	Urder No.
ZQV 4N/50	5	1528130000
ZQV 4N/50 RD	60	2460730000
ZQV 4N/50 BL	5	1528240000
ZQV 4N/2	60	1527930000
ZQV 4N/2 RD	60	2460450000
ZQV 4N/2 BL	60	1528040000



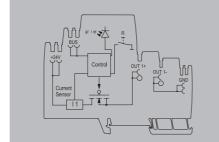
48 Weidmüller 🛣

maxGUARD - Load monitoring

Potential distribution with integrated electronic load monitoring

AMG ELM





Sensor Sensor
F MODE

Technical data

mpat rase (mternar)
DC input voltage range
Rated input voltage
Current consumption (idle) / Current consumption (full load)
max. admissible residual ripple at the input
Surne protection

Output
Connection system [Output]
Trinnaring characteristic

ring charac	terist	ic		
-on delay				
tive load				
protection				
	ring charac n-on delay itive load protection	n-on delay tive load	tive load	n-on delay itive load

Function button LED initial state

Pressing the button

LED, subsequent state
Output, subsequent state
General data

Relay to activate the output Protection degree / Overvoltage category

Signalling LED green LED red

Connection data Number of terminals [Output]

Wire cross-section, AWG/kcmil min/max Wire cross-section, flexible min/max Wire cross-section, rigid min/max

Screwdriver blade Approvals

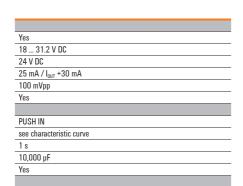
Note

Ordering data

Rated current	
	1.00 A
	2.00 A
	4.00 A
	6.00 A
Note	

Accessories

	AIVIG IVID	20	212233
	AMG OD	40	212291
	AMG PD	40	212292
	AMG XMD	40	212294
* 0			



LED green, in	LED flashing red,	LED red (permanently
operation	load monitoring has triggered (disconnected)	lit)
> 0.1 to 2 s (manual disconnect)	> 0.1 to 2 s (confirm and reset)	> 0.1 to 2 s (restart)

51.17
switched off switched on

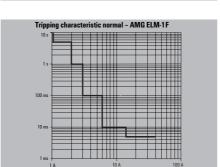
)				
20	/	Ш		

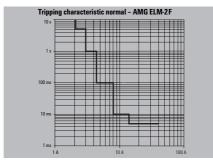
peration (failure-free), Early warning: I Out > 90% I Rated (flashing)
ad monitoring has disconnected, Load monitoring has triggered
lashing). Internal error (rapid flashing)

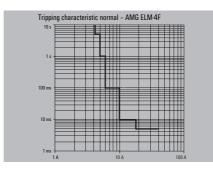
(maximig), maxima orror (rapid maximig)
2 (+/-)
2612
0.142.5 mm ²
0.142.5 mm ²
0.6 x 3.5
CC.

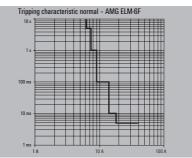
Туре	Qty.	Order No.
AMG ELM-1F	1	2080420000
AMG ELM-2F	1	2080480000
AMG ELM-4F	1	2080490000
AMG ELM-6F	1	2080500000

			100 ms
Туре	Qty.	Order No.	10 ms
AMG DIS	50	2123050000	
AMG MD	20	2122930000	
AMG OD	40	2122910000	1 ms
AMG PD	40	2122920000	
AMC VMD	40	2122040000	







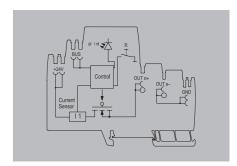


maxGUARD - Load monitoring

Potential distribution with integrated electronic load monitoring

AMG ELM





Technical data

Input	
Input fuse (internal)	
DC input voltage range	
Rated input voltage	
Current consumption (idle)	
Current consumption (full load)	
max. admissible residual ripple at the input	
Surge protection	
Output	
Connection system [Output]	
Trinngring characteristic	

, .
Triggering characterist
Switch-on delay
Capacitive load
Surge protection
Eunction button

Surge protection
Function button
LED initial state

Pressino	the	button

LED, subsequent state
Output, subsequent state
General data
Relay to activate the output
Protection degree
Overvoltage category

LED	green
LED	red

Connection data
Number of terminals [Output]
Wire cross-section, AWG/kcmil min/max
Wire cross-section, flexible min/max
Wire cross-section, rigid min/max
Screwdriver blade
Approvals

Ordering data

Rated current	
	8.00 A
	10.00 A
Note	

Accessories

ote			

Yes		
18 31.2 V DC		
24 V DC		
25 mA		
I _{OUT} +30 mA		
100 mVpp		
Yes		
PUSH IN		
see characteristic	curve	
1 s		
15,000 μF		
Yes		
LED green, in	LED flashing red,	LED red (permanently
operation	load monitoring	lit)
	has triggered	
	(disconnected)	

> 0.1 to 2 s (manual	> 0.1 to 2 s (confirm	> 0.1 to 2 s (resta
disconnect)	and reset)	

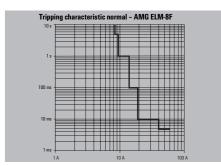
neu LED	neu LED	LED green
switched off	switched off	switched on
No		
IP20		

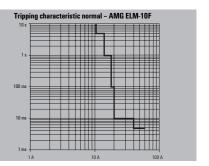
Operation (failure-free), Early warning: I Out > 90% I Rated (flashing)
Load monitoring has o	lisconnected, Load monitoring has triggered
(flashing), Internal err	or (rapid flashing)

Type

Туре	Qty.	Order No.
AMG ELM-8F	1	2080600000
AMG ELM-10F	1	2080650000

AMG DIS	50	2123050000
AMG MD	20	2122930000
AMG OD	40	2122910000
AMG PD	40	2122920000
AMG XMD	40	2122940000









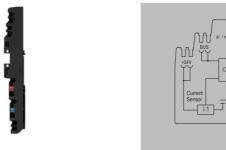


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maxGUARD - Load monitoring

Potential distribution with integrated electronic load monitoring

AMG ELM-6



Sels OUT 1+ OUT 1+ OUT 1- OND Sensor	

Te	chr	nica	h le	ata

Input fuse (internal)	
DC input voltage range	
Rated input voltage	
Current consumption (idle)	
Current consumption (full load)	
max. admissible residual ripple at the input	
Surge protection	
Output	
Connection system [Output]	
Triggering characteristic	
Switch-on delay	
Capacitive load	
adjustable rated current	
Surge protection	
Function button	
LED initial state	

Pressing	the	button	

LED, subsequent state

	Output, subsequent state
I	General data
	Relay to activate the output
	Protection degree
	0 1, ,

Signalling LED green

LED red

Connection data
Number of terminals [Output]
Wire cross-section, AWG/kcmil min/max
Wire cross-section, flexible min/max
Wire cross-section rigid min/may

Screwd	river blade
Approv	als

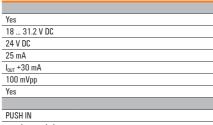
Note			

Ordering data

nateu cui	rent		
			6.00 A
Note			

Accessories

7 11110 210		
AMG MD	20	2122930000
AMG OD	40	2122910000
AMG PD	40	2122920000
AMG XMD	40	2122940000



see characteristic curv	е		
1 s			
15,000 μF			
adj.: 1-2-3-4-6 A			
Yes			

100		
LED green, in operation	LED flashing red, load monitoring has triggered (disconnected)	LED red (permanently lit)
> 0.1 to 2 s (manual disconnect)	> 0.1 to 2 s (confirm and reset)	> 0.1 to 2 s (restart)
Red LED	Red LED	LED green

		3
switched off	switched off	switched on
No		
IP20		
III		

Operation (failure-free), Early warning: I Out > 90% I Rated (flashing)			
Load monitoring has disconnected, Load monitoring has triggered			
(flashing) Internal error (rapid flashing)			

(nashing), internal error (rapid hashing)
2 (+ / -)
2612
0.142.5 mm ²
0.142.5 mm ²
0.6 x 3.5
CE

Туре	Qty.	Order No.
AMG ELM-6	1	2080360000

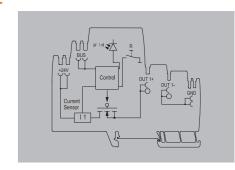
Туре	Qty.	Order No.
AMC DIC	EU	2122050000

maxGUARD - Load monitoring

Potential distribution with integrated electronic load monitoring

AMG ELM-12





Technical data

Input				
Input fuse (internal)				
DC input voltage range				
Rated input voltage				
Current consumption (idle)				
Current consumption (full load)				
max. admissible residual ripple at the input				
Surge protection				
Output				
Connection system [Output]				
Triggering characteristic				
0.51				

Connection system [Output]
Triggering characteristic
Switch-on delay
adjustable rated current
Capacitive load
Surge protection
Function button





Output, subsequent state	
General data	
Relay to activate the output	
Protection degree	

Protection degree	
Overvoltage category	
Signalling	
LED groop	

LED IEU
Connection data

Number of terminals [Output]			
Wire cross-section, AWG/kcmil min/max			
Wire cross-section, flexible min/max			
Wire cross-section, rigid min/max			
Cd-i bld-			

Approvals
Approvals
Nata

Ordering data

nateu current	
	12.00 A
Note	

Accessories

2462100000

Note			

Yes	
18 31.2 V DC	
24 V DC	
25 mA	
I _{OUT} +30 mA	
100 mVpp	
Yes	
PUSH IN	
see characteristic curve	

se	e characteristic curv	е	
1:	s		
ad	j.: 4-6-8-10-12 A		
20),000 μF		
Ye	S		
TE	D groon in	LED floobing rod	LED rod (permanent)

D-11ED	D-41ED	LED
> 0.1 to 2 s (manual disconnect)	> 0.1 to 2 s (confirm and reset)	> 0.1 to 2 s (restart)
operation	load monitoring has triggered (disconnected)	lit)

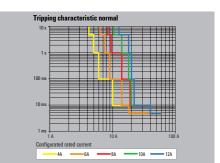
Kea LED	Rea LED	LED green	
switched off	switched off	switched on	
No			
IP20			_
III			

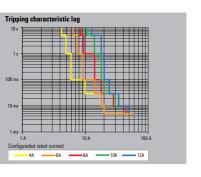
Operation (failure-free), Early warning: I Out > 90% I Rated (flashing)
Load monitoring has disconnected, Load monitoring has triggered
(flashing), Internal error (rapid flashing)

4 (++ / -)
2612
0.142.5 mm ²
0.142.5 mm ²
0.6 x 3.5
CE

1110	uty.	Order No.
AMG ELM-12	1	2080410000

Туре	uty.	Urder No.
AMG DIS	50	2123050000
AMG MD	20	2122930000
AMG OD	40	2122910000
AMG PD	40	2122920000
AMG XMD	40	2122940000









maxGUARD - Alarm module

Potential distribution with integrated electronic load monitoring



18 ... 31.2 V DC 24 V DC 20 mA 100 mVpp Yes PUSH IN

Yes

IP20

4 (2 x NO) 26...12 0.14...2.5 mm² 0.14...2.5 mm² 0.6 x 3.5

Type ZQV 4N/50

ZQV 4N/50 RD

ZQV 4N/50 BL

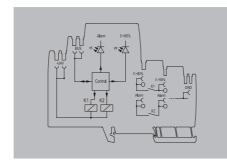
ZQV 4N/2

ZQV 4N/2 RD ZQV 4N/2 BL

Current > 90% Inom (flashing)

Alarm (24 V / 0.1 A), I > 90% (24 V / 0.1 A)





Technical data

L	nput
I	nput fuse (internal)
	DC input voltage range
F	Rated input voltage
(Current consumption (idle)
(Current consumption (full load)
1	nax. admissible residual ripple at the input
0	Surge protection
(Dutput
(Connection system [Output]
1	Friggering characteristic
0	Switch-on delay
(Capacitive load
0	Surge protection
(General data
F	Relay to activate the output
F	Protection degree
(Control inputs
(Overvoltage category
	Signalling
Į	.ED yellow
Į	.ED red
F	Floating contact
	Status relay (max. load)
(Connection data
I	Number of terminals [Output]
١	Vire cross-section, AWG/kcmil min/max
١	Vire cross-section, flexible min/max
١	Nire cross-section, rigid min/max
0	Screwdriver blade
I	Approvals
į	Approvals

Ordering data

nutou current
Note
Acceptation

Аc	cessories	

Accessories	
Pluggable cross-connec	tion
	50-pole
	50-pole / red
	50-pole / blue
	2-pole
	2-pole/ red
	2-pole / blue
Note	
Note	50-pole / rec 50-pole / blue 2-pole 2-pole/ rec

Туре	Qty.	Order No.
AMG AM	1	2081890000

Oty. Order No. 5 1528130000

60 **2460730000**

5 **1528240000** 60 **1527930000**

60 **2460450000** 60 **1528040000**

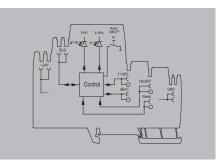
Туре	Qty.	Order No.
AMG AM	1	2081890000

maxGUARD - Control module

Potential distribution with integrated electronic load

AMG CM





Technical data

I Common dutu	
Input	
DC input voltage range	18 31.2 V DC
Rated input voltage	24 V DC
Current consumption (idle)	20 mA
Current consumption (full load)	
max. admissible residual ripple at the input	100 mVpp
Surge protection	Yes
Output	
Connection system [Output]	PUSH IN
Surge protection	Yes
General data	
Relay to activate the output	
Protection degree	IP20
Control inputs	ON/ OFF, Reset
Overvoltage category	III
Signalling	
LED green	Operation (failure-free), Early warning: I Out > 90% I Rated (flashing)
LED red	Load monitoring has disconnected, Load monitoring has triggered
	(flashing), Internal error (rapid flashing)
Transistor output, positive-switching	Pre-warning, Alarm
Connection data	
Number of terminals	4 (Reset / ON / Pre-warning / Alarm)
Wire cross-section, AWG/kcmil min/max	2612
Wire cross-section, flexible min/max	0.142.5 mm ²
Wire cross-section, rigid min/max	0.142.5 mm ²
Screwdriver blade	0.6 x 3.5
Approvals	
Approvals	CE

Ordering data

Rated current
Note

А	cce	22	nrı	es

2462100000

Pluggable cross-connection	
	50-pole
	50-pole / red
	50-pole / blue
	2-pole
	2-pole/ red
	2-pole / blue
Note	

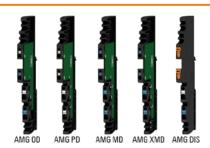
Туре	Qty.	Order No.
AMG CM	1	2081900000

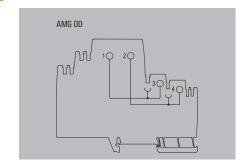
Туре	Qty.	Order No.
ZQV 4N/50	5	1528130000
ZQV 4N/50 RD	60	2460730000
ZQV 4N/50 BL	5	1528240000
ZQV 4N/2	60	1527930000
ZQV 4N/2 RD	60	2460450000
ZQV 4N/2 BL	60	1528040000

maxGUARD - Potential distributor

Potential distribution with integrated electronic load monitoring

AMG





Technical data

General data Protection degree

Connection data

Connection system [Output]

Number of terminals [Output]
Wire cross-section, AWG/kcmil min/max

Wire cross-section, flexible min/max

Wire cross-section, rigid min/max

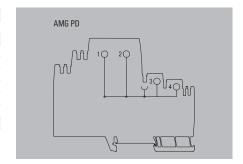
Screwdriver blade

Approvals

 ${\sf Approvals}$

Note

IP20	
PUSH	IN
4 (++	/ -), 2 x 1.5 mm², 2 x 2.5 mm²
261	2
0.14.	2.5 mm²
0.14.	2.5 mm ²
0.6 x	3.5
CE	



Ordering data

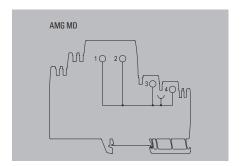
AMG OD	40	2122910000
AMG PD	40	2122920000
AMG MD	20	2122930000
AMG XMD	40	2122940000
AMG DIS	50	2123050000

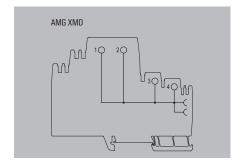
Note

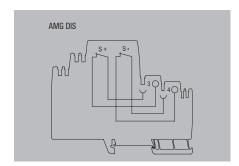
Accessories

ggabio or ooo comicodio.	**
	50-pole
	50-pole / red
	50-pole / blue
	2-pole
	2-pole/ red
	2-pole / blue
l-4-	

Туре	Qty.	Order No.
ZQV 4N/50	5	1528130000
ZQV 4N/50 RD	60	2460730000
ZQV 4N/50 BL	5	1528240000
ZQV 4N/2	60	1527930000
ZQV 4N/2 RD	60	2460450000
ZQV 4N/2 BL	60	1528040000







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