maxGUARD
AMG DIS

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
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www.weidmueller.com

Similar to illustration

Efficient machine and facility operation calls for fail-safe and maintenance-friendly control voltage distribution that can be installed in a time and space-saving manner.

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 system.

The innovative 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%.

General ordering data

Type	AMG DIS
Order No.	2123050000
Version	Potential distributor
GTIN (EAN)	4050118425413
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Width	6.1 mm	Width (inches)	0.24 inch
Height	125 mm	Height (inches)	4.921 inch
Depth	96.5 mm	Depth (inches)	3.799 inch
Net weight	42.2 g		

Temperatures

Operating temperature, max.	55 °C	Operating temperature, min.	-25 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C
Operating temperature	-25 °C...55 °C	Storage temperature	-40 °C...85 °C

Probability of failure

MTTF	13,000 Years

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Input

Type of connection	PUSH IN

Output

Connection system	PUSH IN

General data

Conformal coating	No	Current load per contact point	12 A
Operating temperature	-25 °C...55 °C	Potential isolation	+, GND
Protection degree	IP20	Total current load per potential	12 A

Connection data (output)

Conductor cross-section, AWG/kcmil , max.	12	Conductor cross-section, AWG/kcmil , min.	26
Conductor cross-section, flexible , max.	2.5 mm²	Conductor cross-section, flexible , min.	0.14 mm²
Conductor cross-section, rigid , max.	2.5 mm²	Conductor cross-section, rigid , min.	0.14 mm²
Connection system	PUSH IN	Number of terminals	2 (+ / -)
Screwdriver blade	0.6 x 3.5		

Approvals

Institute (cULus)	c UL us LISTED	Certificate no. (cULus)	E258476

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Technical data

Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
eClass 9.0	27-14-11-26	eClass 9.1	27-14-11-26
eClass 10.0	27-14-11-26		

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	Operating instructions / leaflet Manual_maxGUARD

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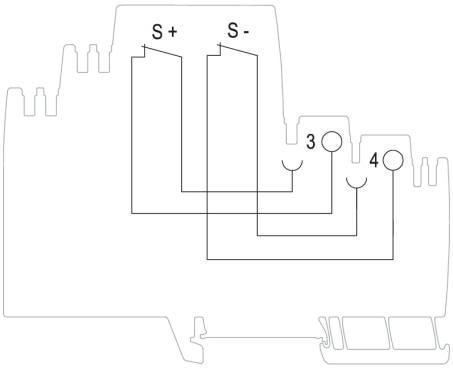
Drawings



Schematic circuit diagram

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Accessories

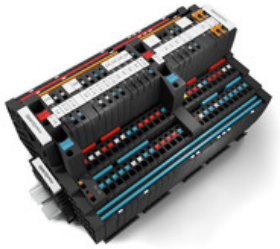
End brackets

Klippon® Connect with clamping yoke Technology
The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	WEW 35/2 V0 GF SW	Version
Order No.	1479000000	W-Series, End bracket
GTIN (EAN)	4050118286779	
Qty.	100 pc(s).	

Standard version for machine construction



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General ordering data

Type	AMG PD	Version
Order No.	2122920000	Potential distributor
GTIN (EAN)	4050118425321	
Qty.	10 pc(s).	
Type	AMG PP	Version
Order No.	2123000000	Seperation plate
GTIN (EAN)	4050118425338	
Qty.	40 pc(s).	
Type	AMG OD	Version
Order No.	2122910000	Potential distributor
GTIN (EAN)	4050118425185	
Qty.	10 pc(s).	

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Accessories

Type	AMG MD	Version
Order No.	2122930000	Potential distributor
GTIN (EAN)	4050118425192	
Qty.	10 pc(s).	

ZQV 4N

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

General ordering data

Type	ZQV 4N/8 BL
Order No.	1528190000
GTIN (EAN)	4050118332858
Qty.	20 pc(s).
Type	ZQV 4N/9
Order No.	1528070000
GTIN (EAN)	4050118332797
Qty.	20 pc(s).
Type	ZQV 4N/7 RD
Order No.	2460770000
GTIN (EAN)	4050118476194
Qty.	20 pc(s).
Type	ZQV 4N/10
Order No.	1528090000
GTIN (EAN)	4050118332896
Qty.	20 pc(s).
Type	ZQV 4N/50 BL
Order No.	1528240000
GTIN (EAN)	4050118333121
Qty.	5 pc(s).
Type	ZQV 4N/3
Order No.	1527940000
GTIN (EAN)	4050118332865
Qty.	60 pc(s).
Type	ZQV 4N/4
Order No.	1527970000
GTIN (EAN)	4050118332889
Qty.	60 pc(s).
Type	ZQV 4N/5 BL
Order No.	1528140000
GTIN (EAN)	4050118333015
Qty.	60 pc(s).

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Accessories

Type	ZQV 4N/2
Order No.	1527930000
GTIN (EAN)	4050118332766
Qty.	60 pc(s).
Type	ZQV 4N/8
Order No.	1528030000
GTIN (EAN)	4050118332841
Qty.	20 pc(s).
Type	ZQV 4N/10 BL
Order No.	1528230000
GTIN (EAN)	4050118333138
Qty.	20 pc(s).
Type	ZQV 4N/4 BL
Order No.	1528120000
GTIN (EAN)	4050118332872
Qty.	60 pc(s).
Type	ZQV 4N/4 RD
Order No.	2460800000
GTIN (EAN)	4050118476224
Qty.	60 pc(s).
Type	ZQV 4N/2 BL
Order No.	1528040000
GTIN (EAN)	4050118332773
Qty.	60 pc(s).
Type	ZQV 4N/10 RD
Order No.	2460740000
GTIN (EAN)	4050118476163
Qty.	20 pc(s).
Type	ZQV 4N/7 BL
Order No.	1528180000
GTIN (EAN)	4050118333114
Qty.	20 pc(s).
Type	ZQV 4N/50 RD
Order No.	2460730000
GTIN (EAN)	4050118476156
Qty.	5 pc(s).
Type	ZQV 4N/3 BL
Order No.	1528080000
GTIN (EAN)	4050118333008
Qty.	60 pc(s).
Type	ZQV 4N/6
Order No.	1527990000
GTIN (EAN)	4050118332919
Qty.	20 pc(s).
Type	ZQV 4N/5
Order No.	1527980000
GTIN (EAN)	4050118332759
Qty.	60 pc(s).
Type	ZQV 4N/9 RD
Order No.	2460750000
GTIN (EAN)	4050118476170
Qty.	20 pc(s).

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Accessories

Type	ZQV 4N/3 RD
Order No.	2460810000
GTIN (EAN)	4050118476231
Qty.	60 pc(s).
Type	ZQV 4N/9 BL
Order No.	1528220000
GTIN (EAN)	4050118333107
Qty.	20 pc(s).
Type	ZQV 4N/50
Order No.	1528130000
GTIN (EAN)	4050118332902
Qty.	5 pc(s).
Type	ZQV 4N/2 RD
Order No.	2460450000
GTIN (EAN)	4050118476149
Qty.	60 pc(s).
Type	ZQV 4N/6 RD
Order No.	2460780000
GTIN (EAN)	4050118476200
Qty.	20 pc(s).
Type	ZQV 4N/7
Order No.	1528020000
GTIN (EAN)	4050118332780
Qty.	20 pc(s).
Type	ZQV 4N/8 RD
Order No.	2460760000
GTIN (EAN)	4050118476187
Qty.	20 pc(s).
Type	ZQV 4N/5 RD
Order No.	2460790000
GTIN (EAN)	4050118476217
Qty.	60 pc(s).
Type	ZQV 4N/6 BL
Order No.	1528170000
GTIN (EAN)	4050118332926
Qty.	20 pc(s).

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Accessories

Slotted screwdriver

VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type	SDIS SL 0.6X3.5X100	Version
Order No.	1274660000	Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118072631	thickness (A): 0.6 mm
Qty.	1 pc(s).	