

MAS DC/DC SELECT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****General ordering data**

Version	MICROSERIES, Signal converter/insulator
Order No.	8594810000
Type	MAS DC/DC SELECT
GTIN (EAN)	4032248252442
Qty.	1 pc(s).

MAS DC/DC SELECT

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	97.8 mm	Depth (inches)	3.85 inch
Width	6.1 mm	Width (inches)	0.24 inch
Length	88 mm	Length (inches)	3.465 inch
Net weight	51 g		

Temperatures

Storage temperature	-20 °C...85 °C	Operating temperature	0 °C...55 °C
Humidity at operating temperature	0...95 % (no condensation)		

Probability of failure

SIL in compliance with IEC 61508	None	MTTF	440 a
----------------------------------	------	------	-------

Input

Input current	0...20 mA, 4...20 mA	Input resistance, current	≤ 5 Ω
Input resistance, voltage	100 kΩ	Input voltage	0...10 V
Number of inputs	1	Voltage drop	<0.1 V @ I _{IN} = 20 mA (current input)

Output

Cut-off frequency (-3 dB)	> 100 Hz	Load impedance current	≤ 500 Ω
Number of outputs	1	Output current	0...20 mA, 4...20 mA
Output voltage, note	0...10 V	load impedance voltage	≥ 10 kΩ

General data

Galvanic isolation	3-way isolator	Nominal power consumption	1.5 VA
Power consumption	ca. 0.6 W	Protection degree	IP20
Rail	TS 35	Temperature coefficient	≤ 150 ppm/K of final value
Voltage supply	24 V DC ± 15 %		

Insulation coordination

EMC standards	DIN EN 61326	Galvanic isolation	3-way isolator
Insulation voltage	500 V _{eff} / 1 s	Insulation voltage input or output/rail	500 V _{eff} / 1 s
Insulation voltage input or output/supply	500 V _{eff} / 1 s	Pollution severity	2
Rated voltage	50 V	Surge voltage category	II

Connection data

Type of connection	Screw connection	Clamping range, rated connection	2.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²

MAS DC/DC SELECT

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

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC002653	ETIM 7.0	EC002653
ETIM 8.0	EC002653	ETIM 9.0	EC002653
ETIM 10.0	EC002653	ECLASS 9.0	27-21-01-20
ECLASS 9.1	27-21-01-20	ECLASS 10.0	27-21-01-20
ECLASS 11.0	27-21-01-20	ECLASS 12.0	27-21-01-20
ECLASS 13.0	27-21-01-20	ECLASS 14.0	27-21-01-20
ECLASS 15.0	27-21-01-20		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	4c08c934-ef45-4df2-8269-ccadfff1d702

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319215/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_322323/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319225/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E175400
Certificate no. (cULus)	E345958
Certificate no. (cULusEX)	E346097

Downloads

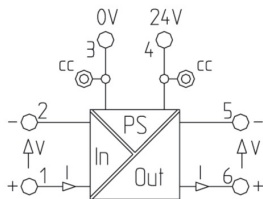
Approval/Certificate/Document of Conformity	Application notes – Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Instruction sheet
Catalogues	Catalogues in PDF-format

MAS DC/DC SELECT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Drawings****Electric symbol**

MAS DC/DC SELECT

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

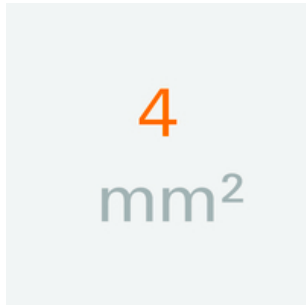
D-32758 Detmold

Germany

www.weidmueller.com

Accessories

4 mm²



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

General ordering data

Type	ZQV 4N/10 RT	Version
Order No.	1794040000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234004	
Qty.	20 pc(s).	
Type	ZQV 4N/10 SW	Version
Order No.	1794060000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234059	
Qty.	20 pc(s).	
Type	ZQV 4N/4 BL	Version
Order No.	1794020000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233816	
Qty.	60 pc(s).	
Type	ZQV 4N/3 RT	Version
Order No.	1793980000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233779	
Qty.	60 pc(s).	
Type	ZQV 4N/10 BL	Version
Order No.	1794050000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234011	
Qty.	20 pc(s).	
Type	ZQV 4N/41 RT	Version
Order No.	1794070000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234141	
Qty.	10 pc(s).	
Type	ZQV 4N/41 BL	Version
Order No.	1794080000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234158	
Qty.	10 pc(s).	
Type	ZQV 4N/41 SW	Version
Order No.	1794090000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234165	
Qty.	10 pc(s).	
Type	ZQV 4N/4 RT	Version
Order No.	1794010000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233809	
Qty.	60 pc(s).	
Type	ZQV 4N/4 SW	Version
Order No.	1794030000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233915	
Qty.	60 pc(s).	

Creation date May 11, 2025 11:07:57 PM CEST

MAS DC/DC SELECT

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Type	ZQV 4N/2 SW	Version
Order No.	1793970000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233762	
Qty.	60 pc(s).	
Type	ZQV 4N/3 SW	Version
Order No.	1794000000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233793	
Qty.	60 pc(s).	
Type	ZQV 4N/2 BL	Version
Order No.	1793960000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233755	
Qty.	60 pc(s).	
Type	ZQV 4N/2 RT	Version
Order No.	1793950000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233748	
Qty.	60 pc(s).	
Type	ZQV 4N/3 BL	Version
Order No.	1793990000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233786	
Qty.	60 pc(s).	

SAK-Series



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

General ordering data

Type	EW 35	Version
Order No.	0383560000	End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	

MAS DC/DC SELECT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****Blank**

WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	WS 10/6 MC NE WS	Version
Order No.	1828450000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248350513	Allen-Bradley, white
Qty.	600 pc(s).	