

MAS DC/DC SELECT

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

www.weidmueller.com

Only remaining stock available

Product image



General ordering data

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

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Technische Daten

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
Operating temperature, min.	0 °C	Operating temperature, max.	55 °C

Probability of failure

MTTF	440 Years
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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

Current-carrying capacity of cross-connect.	≤ 20 A	Galvanic isolation	3-way isolator
Input/Output	configurable	Power consumption	ca. 0.6 W
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

Classifications

ETIM 6.0	EC002653	ETIM 7.0	EC002653
ETIM 8.0	EC002653	ECLASS 9.0	27-21-01-20
ECLASS 9.1	27-21-01-90	ECLASS 10.0	27-21-01-20
ECLASS 11.0	27-21-01-20	ECLASS 12.0	27-21-01-20

Erstellungs-Datum May 26, 2023 4:09:20 PM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	4c08c934-ef45-4df2-8269-ccadfff1d702

Approvals

Approvals



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	Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, EPLAN
User Documentation	Instruction sheet
Catalogues	Catalogues in PDF-format

Datenblatt

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Zeichnungen

Electric symbol

