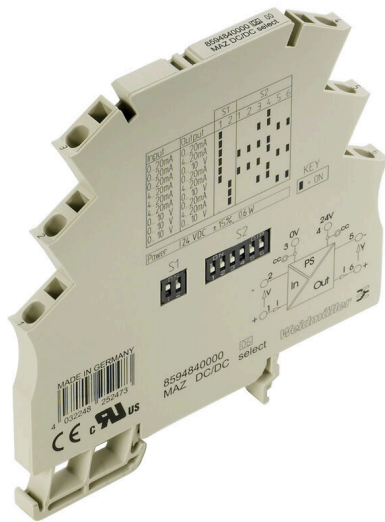


MAZ DC/DC SELECT

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

www.weidmueller.com



MCZ: The smallest solution

- The smallest analogue signal converter in terminal block format on the market
- Space-saving conversion of analogue signals in the control cabinet thanks to the slim, 6 mm wide module width
- Simple wiring with plug-in cross-connectors

General ordering data

Version	MICROSERIES, Signal converter/insulator
Order No.	8594840000
Type	MAZ DC/DC SELECT
GTIN (EAN)	4032248252473
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E175400

Certificate no. (cULus) E337701

Certificate no. (cULusEX) E346097

Dimensions and weights

Depth	97.8 mm	Depth (inches)	3.8504 inch
Width	6.1 mm	Width (inches)	0.2402 inch
Length	92 mm	Length (inches)	3.622 inch
Net weight	43 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
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	4c08c934-ef45-4df2-8269-ccadfff1d702

General data

Accuracy	<0.5 % of end value	Protection degree	IP20
Supply voltage	24 V DC \pm 15 %	Mounting rail	TS 35
Power consumption	ca. 0.6 W	Temperature coefficient	\leq 150 ppm/K of final value
Nominal power consumption	1.5 VA		

Insulation coordination

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

Connection data

Type of connection	Tension-clamp connection	Clamping range, rated connection	1.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²

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Classifications

ETIM 8.0	EC002653	ETIM 9.0	EC002653
ETIM 10.0	EC002653	ECLASS 14.0	27-21-01-20
ECLASS 15.0	27-21-01-20		

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Drawings

Electric symbol

