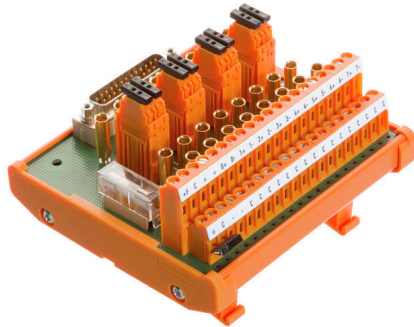


RS 8AIO I-M-DP SD Z

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Similar to illustration

The analogue interfaces are equipped with SubD connectors. Thus they offer sufficient shielding for analogue signal transmission. They are also equipped with very useful isolators and test sockets for measuring voltage or current.

General ordering data

Version	Interface, RS, Spacer, 2-wire, Tension-clamp connection
Order No.	9449110000
Type	RS 8AIO I-M-DP SD Z
GTIN (EAN)	4032248253487
Qty.	1 items

RS 8AIO I-M-DP SD Z

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E141197

Dimensions and weights

Depth	81 mm	Depth (inches)	3.189 inch
Height	109 mm	Height (inches)	4.2913 inch
Width	114 mm	Width (inches)	4.4882 inch
Net weight	327 g		

Temperatures

Storage temperature	-40...60 °C	Operating temperature	-20...50 °C
---------------------	-------------	-----------------------	-------------

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6aI, 6c
REACH SVHC	Lead 7439-92-1
SCIP	7b5ffb72-271d-4c73-8b09-bd0aaee3697a

Rated data UL

Rated current IN	0.5 A	Operating temperature UL, min.	0 °C
Operating temperature UL, max.	25 °C	Rated voltage UN	≤ 25 V AC 50 V DC
Rated voltage DC UN (supply)	24 V	Rated current (supply)	3 A
Rated current fuse (supply)	3.15 A		

General data

LED status display per channel	No	Disconnection per channel	Yes
Voltage point of measurement	Yes	Current-measuring testpoint	Yes
Type of test point	Diameter: 4 mm	LED status of the supply voltage	No
Power supply fuse	3.15 A	Common pole polarity	Positive or negative can be selected using jumper

Connection data

Number of poles (control side)	25-pole plug	Connection supply	LMNZF 5.08mm
Protective earth connection	Shielding in SUB-D plug-in connector	Wiring system	2-wire
Connection (field side)	LMNZF 5.08mm	Connection on control side	D-sub connectors, acc. to IEC 60807 / DIN 41652

Ratings data

Operating voltage	≤ 25 V AC / 50 V DC	Max. current for common pole	3.15 A
Max. current per channel	0.5 A		

RS 8AIO I-M-DP SD Z

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

www.weidmueller.com

Technical data

Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	<50 V AC
Surge voltage category	III	Pollution severity level	2
Pulse voltage test (1,2/50µs)	0.8 kV	Insulation test voltage AC	0.35 kV

Connection field

Min. wire cross-section, AWG	AWG 26	Type of connection	Tension-clamp connection
Flexible with sleeve, max.	1.5 mm ²	Flexible, max. H05(07) V-K	1.5 mm ²
Flexible, min. H05(07) V-K	0.5 mm ²	Solid, max. H05(07) V-U	1.5 mm ²
Solid, min. H05(07) V-U	0.5 mm ²	Stripping length	7 mm
Clamping range, max.	2.5 mm ²	Clamping range, min.	0.13 mm ²
Max. wire cross-section, AWG	AWG 14		

Supply connection

Type of connection	Tension-clamp connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	2.5 mm ²	Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	2.5 mm ²	Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	Flexible with sleeve, max.	1.5 mm ²
Flexible with sleeve, min.	0.25 mm ²	Ferrule with plastic collar, max.	1.5 mm ²
Wire cross-section, min. AWG	AWG 24	Wire cross-section, max. AWG	AWG 14
Stripping length	7.5 mm		

Classifications

ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	EC002780	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

RS 8AIO I-M-DP SD Z

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

Drawings

www.weidmueller.com

