

ACT20P-RS232-RS485/422-S

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

www.weidmueller.com



The interface converter is intended for use in RS232/RS485/422 systems in an industrial environment. Depending on the use case, different functions can be realised with the device, see section “Applications”.

General ordering data

Version	Serial interface converter, Input : serial RS232 signal, Output : RS485/422, Supply voltage: 24 V DC ± 20 %
Order No.	3027140000
Type	ACT20P-RS232-RS485/422-S
GTIN (EAN)	4099986959545
Qty.	1 items
Assignment	DTE/DCE switchable with DIP switch
Control of data direction	Automatic or via RS232 RTS/CTS
Transmission rate	9.600 bps, 19.2 kBit/s, 115.2 kBit/s, 8 bit or 8 bit + parity bit
Baud rate	2.4 / 4.8 / 9.6 / 19.2 / 57.6 / 115.2 kBaud
Interface	1 x serial RS-232/RS-485/RS-422
Creation date	14.03.2026
Type	RS232
Communication	Bi-directional
Catalogue status / Drawings	RS232
Parity	Even
Protocol	Serial data transfer
Bit distribution	15 %

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Technical data

Approvals

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UL File Number Search [UL Website](#)
 Certificate no. (cULus) E141197

Dimensions and weights

Depth	114.2 mm	Depth (inches)	4.4961 inch
Height	117.2 mm	Height (inches)	4.6142 inch
Width	22.5 mm	Width (inches)	0.8858 inch
Net weight	154 g		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-20 °C...70 °C
Humidity	5...95 %, no condensation		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cl
REACH SVHC	Lead 7439-92-1, 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1
SCIP	2f6dd957-421a-46db-a0c2-cf1609156924

Input

Number inputs	1	Type	RS232
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Output

Type	RS485/422
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General data

Applications	Convert RS232 signal to RS485/422 signal, Realization of longer cable lengths with RS485, Networking with multiple participants	Installation advice	Indoors only
Protection degree	IP20	Status indicator	LED green: supply voltage, TxD, RxD
Supply voltage	24 V DC ± 20 %	Mounting rail	TS 35
Power consumption	≤ 1.5 W	Nominal power consumption	1.2 VA
Configuration	DIP switch	Operating altitude	≤ 2000 m

Insulation coordination

EMC standards	EN 61326	Surge voltage category	II
Pollution severity	2	Galvanic isolation	3-way isolator
Insulation voltage input or output/supply 2 kV DC / 1 min.			

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Connection data

Type of connection	Screw connection	Stripping length, rated connection	8 mm
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.6 Nm
Wire connection cross section, finely stranded, min.	0.2 mm ²	Wire connection cross section, finely stranded, max.	2 mm ²
Wire cross-section, finely stranded, min. (AWG)	AWG 24	Wire cross-section, finely stranded, max. (AWG)	AWG 14

Part description

Product description	The interface converter is intended for use in RS232/RS485/422 systems in an industrial environment. Depending on the use case, different functions can be realised with the device, see section "Applications".
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Classifications

ETIM 8.0	EC000310	ETIM 9.0	EC000310
ETIM 10.0	EC000310	ECLASS 14.0	27-06-03-20
ECLASS 15.0	27-06-03-20		

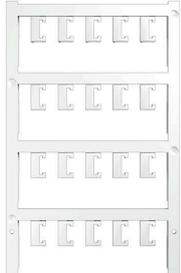
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Accessories

Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

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	ESG 6.6/20 BHZ 5.00/04	Version	
Order No.	1082540000		ESG, Device markers x 20 mm, PA 66, Colour: white, pluggable
GTIN (EAN)	4032248845439		
Qty.	200 ST		
Type	ESG 8/13.5/43.3 SAI AU	Version	
Order No.	1912130000		ESG, Device markers x 13.5 mm, PA 66, Colour: Transparent, pluggable
GTIN (EAN)	4032248541164		
Qty.	5 ST		