

UR20-16AUX-GND-I**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Potential-distribution modules**

A wide range of accessory modules is available for individual requirements of machine and plant engineering. Various potential distribution modules are available for the supply of sensors with 2- to 4-wire connection technology directly from the remote I/O system. These offer 16 "PUSH IN" potential points and supply your application with any auxiliary potential available. An empty module, where the system bus and voltage supply are looped through, allows you to plan expansion slots in a system and to start these up without any interruptions if required.

General ordering data

Version	Remote I/O module, IP20, Potential distributor
Order No.	1334800000
Type	UR20-16AUX-GND-I
GTIN (EAN)	4050118138221
Qty.	1 pc(s).
Packaging	Cardboard box
Replacement parts	1350930000 1347490000 1346470000

UR20-16AUX-GND-I

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Technical data

Dimensions and weights

Depth	76 mm	Depth (inches)	2.992 inch
Height	120 mm	Height (inches)	4.724 inch
Width	11.5 mm	Width (inches)	0.453 inch
Mounting dimension - height	128 mm	Net weight	84 g

Temperatures

Storage temperature	-40 °C ... +85 °C	Operating temperature	-20 °C ... +60 °C
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Connection data

Number	16	Type of connection	PUSH IN
Wire connection cross section, finely stranded, max.	1.5 mm ²	Wire connection cross section, finely stranded, min.	0.14 mm ²
Wire cross-section, finely stranded, max. (AWG)	AWG 16	Wire cross-section, finely stranded, min. (AWG)	AWG 26
Wire cross-section, solid, max.	1.5 mm ²	Wire cross-section, solid, max. (AWG)	AWG 16
Wire cross-section, solid, min.	0.14 mm ²	Wire cross-section, solid, min. (AWG)	AWG 26

General data

Air humidity (operation)	10% to 95%, non-condensing as per DIN EN 61131-2	Air humidity (storage)	10% to 95%, non-condensing as per DIN EN 61131-2
Air humidity (transport)	10% to 95%, non-condensing as per DIN EN 61131-2	Air pressure (operation)	≥ 795 hPa (height ≤ 2000 m) as per DIN EN 61131-2
Air pressure (storage)	1013 hPa (height 0 m) to 700 hPa (height 3000 m) as per DIN EN 61131-2	Air pressure (transport)	1013 hPa (height 0 m) to 700 hPa (height 3000 m) as per DIN EN 61131-2
Pollution severity	2	Rail	TS 35
Shock	15 g over 11 ms, half sinus wave, acc. to IEC 60068-2-27	Surge voltage category	II
Test voltage	500 V	UL 94 flammability rating	V-0
Vibration resistance	5 Hz ≤ f ≤ 8.4 Hz: 3.5-mm amplitude as per IEC 60068-2-6, 8.4 Hz ≤ f ≤ 150 Hz: 1 g acceleration as per IEC 60068-2-6		

Power supply

Voltage supply	24 V DC +20 %/ -15 %, from input or output current path / FE
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System data

Field bus protocol	PROFINET IRT, PROFINET RT, PROFIBUS DP-V1, EtherCAT, Modbus/TCP, EtherNet/IP, CANopen, DeviceNet, POWERLINK, CC-Link, CC-Link IE TSN, IEC 61162-450	Galvanic isolation	500 V DC between the current paths
Interface	u-remote system bus	Module type	Auxiliary module
Transmission speed backplane bus, max.	48 Mbit		

Creation date May 9, 2024 11:50:51 AM CEST

Catalogue status 04.05.2024 / We reserve the right to make technical changes.

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Technical data

Classifications

ETIM 6.0	EC001600	ETIM 7.0	EC001600
ETIM 8.0	EC001600	ETIM 9.0	EC001600
ECLASS 9.0	27-24-26-10	ECLASS 9.1	27-24-26-10
ECLASS 10.0	27-24-26-10	ECLASS 11.0	27-24-26-10
ECLASS 12.0	27-24-26-10	ECLASS 13.0	27-24-26-10

Tender specification sheets

Long specification	AUX-GND-I 16-pole potential distribution module for ground from input current path Supply voltage: 24 VDC +25% / -15% Weight: 84 g Brand: Weidmüller Type: UR20-GND-I
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Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197
Certificate no. (cULusEX)	E223527

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www.weidmueller.com**Technical data****Downloads**

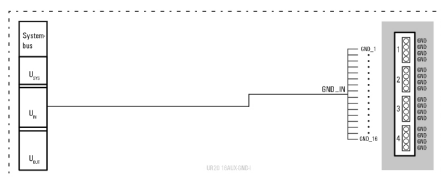
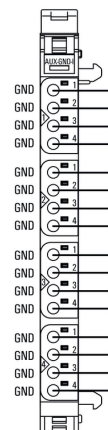
Approval/Certificate/Document of Conformity	KC certificate
	Compass safe distance certificate
	Lloyds Register certificate
	DNV/GL certificate
	ABS certificate
	RINA certificate
	Bureau Veritas - Type Approval Certificate
	PRS (Polish Register of Shipping)
	NIPPON KAIJI KYOKAI Certificate
	DEMKO 15ATEX1525X
	CCS certificate
	CE Declaration of Conformity - DE
	UKCA Declaration of Conformity - EN
Engineering Data	CAD data – STEP
	Compatibility information – Combinability of UR20
Engineering Data	Zuken E3.S
User Documentation	MAN_U-REMOTE_DE
	MAN_U-REMOTE_EN
Catalogues	Catalogues in PDF-format

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www.weidmueller.com**Drawings****Block diagram****Connection diagram**

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Accessories

Accessories



System accessory

Discover a wide range of accessories for your u-remote system - the ideal addition to make your applications even more efficient and flexible.

General ordering data

Type	UR20-EBK-ACC	Version		
Order No.	1346610000	End bracket, ,		
GTIN (EAN)	4050118151596			
Qty.	5 pc(s).			
Type	UR20-SM-ACC	Version		
Order No.	1339920000	Cover, ,		
GTIN (EAN)	4050118144727			
Qty.	20 pc(s).			
Type	IE-USB-A-MICRO-1.8M	Version		
Order No.	1487980000	USB cable, USB A, USB Micro, PVC, 1.8 m		
GTIN (EAN)	4050118298451			
Qty.	1 pc(s).			
Type	KOSM BHZ5.00	Version	Product data	Packaging
Order No.	1483050000	PCB plug-in connector, Accessories, Coding element, orange		Box
GTIN (EAN)	4050118292039			
Qty.	100 pc(s).			

THM ET S7



THM ET S7 non-adhesive. roll-packaged labels are used to label the SIMATIC ET 200S and S7-modules from Siemens.

The M-Print® PRO software can be used to individually print the THM ET S7 labels with a THM printer. Labels can be easily separated. The THM MultiMark printer ensures highly-resistant printing.

General ordering data

Type	THM UR20 GE	Version		
Order No.	1429910000	THM, Insert markers, 90 x 8 mm, yellow		
GTIN (EAN)	4050118234787			
Qty.	1 pc(s).			
Type	THM UR20 WS	Version		
Order No.	1429420000	THM, Insert markers, 90 x 8 mm, white		
GTIN (EAN)	4050118233858			
Qty.	1 pc(s).			

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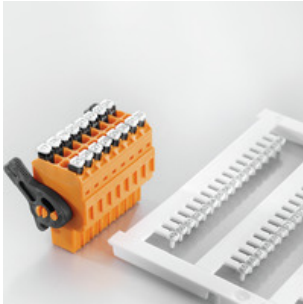
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www.weidmueller.com**Accessories****Plugkit****General ordering data**

Type	UR20-PK-1334800000-SP	Version
Order No.	1346470000	Replacement part, Plug-in connector, ,
GTIN (EAN)	4050118151466	
Qty.	5 pc(s).	

Custom printing**General ordering data**

Type	PM 2.7/2.6 MC SDR	Version
Order No.	1323700000	OMNIMATE Signal - series PM, Pusher markers, 2.7 x 2.6 mm, Pitch in
GTIN (EAN)	4050118126761	mm (P): 3.50 Weidmueller, To customer specification
Qty.	192 pc(s).	

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Accessories

ESO insert tags



General ordering data

Type	ESO UR20 DIN A4 WS	Version
Order No.	1429430000	Terminal markers, Insert markers, 90 x 8 mm, white
GTIN (EAN)	4050118233865	
Qty.	10 pc(s).	

Custom printing



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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	DEK 5/8-11.5 MC SDR	Version
Order No.	1341610000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4050118146059	Weidmueller, To customer specification
Qty.	100 pc(s).	

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www.weidmueller.com**Accessories****Basic modules****General ordering data**

Type	UR20-BM-SP	Version		Packaging	
Order No.	1350930000	Replacement part , Flange-mounted housing		Cardboard	
GTIN (EAN)	4050118402735			box	
Qty.	5 pc(s).				

Electronic modules**General ordering data**

Type	UR20-EM-1334800000-SP	Version	
Order No.	1347490000	Replacement part	
GTIN (EAN)	4050118248258		
Qty.	1 pc(s).		

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Accessories

Blank



General ordering data

Type	PM 2.7/2.6 MC NE WS	Version
Order No.	1323710000	OMNIMATE Signal - series PM, Pusher markers, 2.7 x 2.6 mm, Pitch in
GTIN (EAN)	4050118126778	mm (P): 3.50 Weidmueller, white
Qty.	960 pc(s).	

Blank



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Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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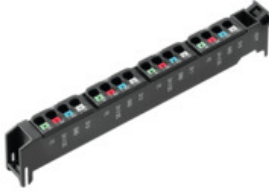
General ordering data

Type	DEK 5/8-11.5 MC NE WS	Version
Order No.	1341630000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4050118145946	Weidmueller, white
Qty.	500 pc(s).	

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Replacement parts**Plugkit****General ordering data**

Type	UR20-PK-1334800000-SP	Version
Order No.	1346470000	Replacement part, Plug-in connector, ,
GTIN (EAN)	4050118151466	
Qty.	5 pc(s).	

Basic modules**General ordering data**

Type	UR20-BM-SP	Version	Packaging
Order No.	1350930000	Replacement part, , Flange-mounted housing	Cardboard box
GTIN (EAN)	4050118402735		
Qty.	5 pc(s).		

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www.weidmueller.com**Replacement parts****Electronic modules****General ordering data**

Type	UR20-EM-1334800000-SP	Version
Order No.	1347490000	Replacement part
GTIN (EAN)	4050118248258	
Qty.	1 pc(s).	