Automation Products - u-remote IP20 UR20-16AUX-FE

Weidmüller ⅀

Product image

Potential-distribution modules; system accessory

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

Type	UR20-16AUX-FE
Order No.	1334790000
Version	Remote I/O module, IP20, Potential distributor
GTIN (EAN)	4050118138085
Qty.	1 pc(s).
Packaging	Cardboard box

Creation date May 3, 2020 3:23:06 AM CEST

Automation Products - u-remote IP20
UR20-16AUX-FE

Technical data

Dimensions and weights

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

Temperatures

Operating temperature, max.	60 °C	Operating temperature, min.	-20 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C
Operating temperature	-20 °C ... +60 °C	Storage temperature	-40 °C ... +85 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Connection data

Type of connection	PUSH IN	Wire connection cross section, finely stranded, max.	1.5 mm²
Wire connection cross-section, finely stranded, min.	0.14 mm²	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 mm²
Wire cross-section, solid, max. (AWG)	AWG 16	Wire cross-section, solid, min.	0.14 mm²
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	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

Automation Products - u-remote IP20
UR20-16AUX-FE

Technical data

System data

Field bus protocol	CANopen, DeviceNet, EtherCAT, EtherNet/IP, Modbus/TCP, PROFINET IRT, PROFIBUS DP-V1, POWERLINK	Galvanic isolation	Yes, between field and system bus
Interface	u-remote system bus	Module type	Auxiliary module
Transmission speed backplane bus, max.48 Mbit			

Classifications

ETIM 6.0	EC001597	ETIM 7.0	EC001597
eClass 9.0	27-24-26-02	eClass 9.1	27-24-26-02
eClass 10.0	27-24-26-02		

Approvals

Approvals

ABS   BUREAU VERITAS   CE   cULus LISTED   cULus LISTED FOR HAZ.LOC. C1D2

ATEX DNV·GL   EAC   IEC EX   KC   Lloyd's Register   RINA

WATEXIECEX

ROHS	Conform

Downloads
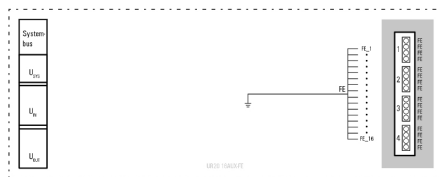
Approval/Certificate/Document of Conformity	Declaration_of_Conformity Compass safe distance certificate Lloyds Register certificate DNV/GL certificate ABS certificate RINA certificate Bureau Veritas - Type Approval Certificate PRS (Polish Register of Shipping) NIPPON KAIJI KYOKAI Certificate
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	MAN_U-REMOTE_DE MAN_U-REMOTE_EN

Creation date May 3, 2020 3:23:06 AM CEST

Automation Products - u-remote IP20
UR20-16AUX-FE

Drawings

Block diagram

Connection diagram
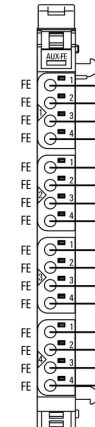
Creation date May 3, 2020 3:23:06 AM CEST

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4

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UR20-16AUX-FE

Accessories

Plugkit

More performance. Simplified.
u-remote.

Weidmüller u-remote – our innovative remote I/O concept with IP 20 which focuses purely on user benefits: tailored planning, faster installation, safer start-up, no more downtime. For considerably improved performance and greater productivity.

Reduce the size of your cabinets with u-remote, thanks to the narrowest modular design on the market and the need for fewer power-feed modules. Our u-remote technology also offers tool-free assembly, while the modular "sandwich" design and integrated web server speed up installation, both in the cabinet and machine. Status LEDs on the channel and each u-remote module enable reliable diagnosis and rapid service.

This and many other amazing ideas boost the availability of your machines and systems. And ensure smooth processes too. From planning to operation.

u-remote stands for "More Performance". Simplified
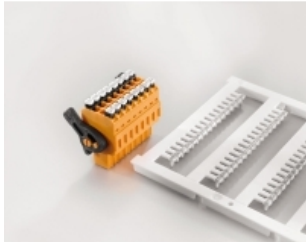
General ordering data

Type	UR20-PK-1334790000-SP	Version	
Order No.	1346490000	Replacement part, ,	
GTIN (EAN)	4050118151411		
Qty.	5 pc(s).		
Type	UR20-PK-1334810000-SP	Version	
Order No.	1484090000	Replacement part	
GTIN (EAN)	4050118293548		
Qty.	5 pc(s).		
Type	UR20-PK-1334770000-SP	Version	
Order No.	1346450000	Replacement part	
GTIN (EAN)	4050118151435		
Qty.	5 pc(s).		
Type	UR20-PK-1334800000-SP	Version	
Order No.	1346470000	Replacement part, ,	
GTIN (EAN)	4050118151466		
Qty.	5 pc(s).		
Type	UR20-PK-1334780000-SP	Version	
Order No.	1484080000	Replacement part	
GTIN (EAN)	4050118293678		
Qty.	5 pc(s).		

Creation date May 3, 2020 3:23:06 AM CEST

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Accessories

Blank

Weidmüller has established new market standards with its MultiCard product line. This system is being continually extended with over 200 variants and by consistently extending the portfolio.

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	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).	

Accessories

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General ordering data

Type	UR20-EBK-ACC	Version	
Order No.	1346610000	End bracket, ,	
GTIN (EAN)	4050118151596		
Qty.	5 pc(s).		
Type	KOSM BHZ5.00	Version	Product data
Order No.	1483050000	PCB plug-in connector, Accessories, Coding element, orange	
GTIN (EAN)	4050118292039		
Qty.	100 pc(s).		
Type	UR20-SM-ACC	Version	
Order No.	1339920000	Cover, ,	
GTIN (EAN)	4050118144727		
Qty.	20 pc(s).		

Creation date May 3, 2020 3:23:06 AM CEST

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UR20-16AUX-FE

Accessories

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).		

Creation date May 3, 2020 3:23:06 AM CEST

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UR20-16AUX-FE

Basic modules

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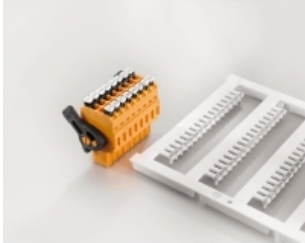
General ordering data

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

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8

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UR20-16AUX-FE

Accessories

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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).	

THM ET S7

THM ET S7 non-adhesive, roll-packaged labels are used to label the SIMATIC ET 200S, S7-300 and S7-400 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 Plus S 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).	

Creation date May 3, 2020 3:23:06 AM CEST

Automation Products - u-remote IP20
UR20-16AUX-FE

Accessories

USB cable - USB A - USB Micro

Assembled IE cables

General ordering data

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).		

ESO insert tags

The various terminal markers from Weidmüller enable users to solve virtually every labelling task on all types of lines. Whether several lines of labelling, ready-to-use markers with standard printing, or individual labelling, whether white or coloured markers or common designations at the clamping points, the comprehensive range of products represent the easy, quick and clear answer to every marking task.

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).		

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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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UR20-16AUX-FE

Accessories

Electronic modules

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General ordering data

Type	UR20-EM-1334810000-SP	Version	
Order No.	1347500000	Replacement part, ,	
GTIN (EAN)	4050118248241		
Qty.	1 pc(s).		
Type	UR20-EM-1334770000-SP	Version	
Order No.	1347450000	Replacement part, ,	
GTIN (EAN)	4050118248289		
Qty.	1 pc(s).		
Type	UR20-EM-1334800000-SP	Version	
Order No.	1347490000	Replacement part, ,	
GTIN (EAN)	4050118248258		
Qty.	1 pc(s).		
Type	UR20-EM-1334790000-SP	Version	
Order No.	1347480000	Replacement part, ,	
GTIN (EAN)	4050118248265		
Qty.	1 pc(s).		
Type	UR20-EM-1334780000-SP	Version	
Order No.	1347470000	Replacement part, ,	
GTIN (EAN)	4050118248272		
Qty.	1 pc(s).		

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12