

UR20-PF-O

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



10 A feeding; input or output current path; diagnosis display

Weidmüller power feed modules are available to refresh the power of the input and output current path. Monitored by the voltage diagnosis display, these feed 10 A in the corresponding input or output path. A time-saving start-up is guaranteed by the standard u-remote plug with proven and tested "PUSH IN" technology for reliable contacts. The power supply is monitored by a diagnosis display.

General ordering data

| | |
|-------------------|--|
| Version | Remote I/O module, IP20, Power supply unit, 24 VDC-Output |
| Order No. | 1334740000 |
| Type | UR20-PF-O |
| GTIN (EAN) | 4050118138122 |
| Qty. | 1 pc(s). |
| Replacement parts | 1350950000 1347420000 1346480000 |

Creation date September 16, 2022 3:50:51 AM CEST

Catalogue status 09.09.2022 / We reserve the right to make technical changes.

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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 | 76 g |

Temperatures

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

Environmental Product Compliance

| | | | |
|------------|----------------|------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 | SCIP | 82327f13-cd27-455a-ab5b-a62e1996dcf8 |
|------------|----------------|------|--------------------------------------|

Connection data

| | | | |
|--|----------------------|--|----------------------|
| 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 | | |
| Restricted area | Type of restricted area | Negative expansion | thermal |
| | | | Y coordinate |
| | Z coordinate | | 0 mm |
| | X coordinate | -28 mm | |
| | Positive expansion | Z coordinate | 85 mm |
| | | X coordinate | 43 mm |
| Y coordinate | | 160 mm | |
| 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

| | |
|--|---------|
| Current consumption from I _{OUT} (the respective power segment) | < 10 mA |
|--|---------|

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UR20-PF-0

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Technical data

| | | |
|--|----------------------|-----------|
| Feed current for I _{OUT} (output current path) | min. | 10,000 mA |
| | max. | 10,000 mA |
| | nominal | 10,000 mA |
| Feed current for I _{OUT} (output current path) , max. | 10,000 mA | |
| Supply voltage for outputs | 24 V DC +20 %/ -15 % | |

System data

| | | | |
|--------------------|--|-----------|---------------------|
| Field bus protocol | CANopen, DeviceNet, EtherCAT, EtherNet/IP, Modbus/TCP, PROFINET IRT, PROFIBUS DP-V1, POWERLINK | Interface | u-remote system bus |
| Module type | Power-feed module | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001600 | ETIM 7.0 | EC001600 |
| ETIM 8.0 | 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 |

Approvals

Approvals



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

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Technical data

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 DEMKO 15ATEX1525X UKCA Declaration of Conformity - EN |
| Engineering Data | CAD data – STEP Compatibility information – Combinability of UR20 |
| Engineering Data | WSCAD, Zuken E3.S, EPLAN |
| User Documentation | MAN_U-REMOTE_DE MAN_U-REMOTE_EN |
| Catalogues | Catalogues in PDF-format |

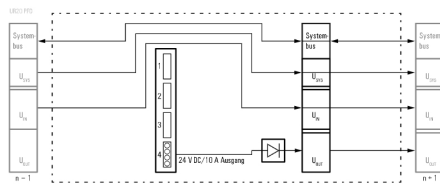
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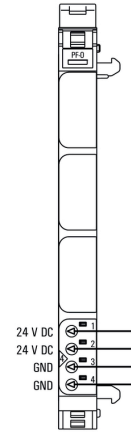
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Drawings

Block diagram



Connection diagram



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