

**Automation Products**  
**UC20-WL2000-IOT****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com**Product image**

For modern IoT applications, automation technology needs to be increasingly more powerful and adaptable. u-mation offers a coordinated hardware portfolio designed for the future-proof preparation of your machines and systems. u-control 2000 is one of the most compact and state-of-the-art control systems on the market and is the centrepiece of our hardware portfolio. u-control 2000 forms the basis required for use of our engineering solutions u-create web, studio and IoT. The controllers modular design is based on the remote I/O system u-remote, and allows for needs-based expansion to include other components from the u-mation family.

**General ordering data**

Type	UC20-WL2000-IOT
Order No.	<a href="#">1334990000</a>
Version	Controller, IP20, u-control 2000 web, IoT Controller, Web-based, incl. Engineering Tool u- create IoT (node red)
GTIN (EAN)	4050118138290
Qty.	1 pc(s).

Creation date 02 October 2020 14:32:43 CEST

Catalogue status 25.09.2020 / We reserve the right to make technical changes.

# Data sheet

## Automation Products UC20-WL2000-IOT

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# Technical data

### Dimensions and weights

Width	52 mm	Width (inches)	2.047 inch
Height	120 mm	Height (inches)	4.724 inch
Depth	76 mm	Depth (inches)	2.992 inch
Mounting dimension - height	128 mm	Net weight	232 g

### Temperatures

Operating temperature, max.	55 °C	Operating temperature, min.	-20 °C
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### Connection data

Type of connection	PUSH IN
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### General data

UL 94 flammability rating	V-0
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### Power supply

Current consumption from I <sub>IN</sub> (power segment of the field bus coupler), typ.	116 mA	Feed current for I <sub>IN</sub> (input current path), max.	5 A
Feed current for I <sub>OUT</sub> (output current path), max.	5 A	Feed current for the system, max.	4,000 mA
Supply voltage for outputs	24 V DC +20 %/ -15 %	Supply voltage system and inputs	24 V DC +20 %/ -15 %

### System data

Configuration interface	Micro USB 2.0	Connection type	2 x RJ45 plug-in connectors
Interface	2x Ethernet TCP/IP, 1x Micro USB	Memory (Flash)	4 GB, 32 GB via microSD
Module type	Controller	Processor	Dual Core ARM Cortex A9, 624 MHz, 512 Mbyte RAM
Real-time clock	Battery buffered	Transmission speed backplane bus, max.	48 Mbit
max. number of modules	64		

### Classifications

ETIM 6.0	EC001603	ETIM 7.0	EC001603
eClass 9.1	27-24-26-08	eClass 10.0	27-24-26-07

### Approvals

Approvals



ROHS	Conform
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**Technical data****Downloads**

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Engineering Data	<a href="#">STEP</a>
Product Change Notification	<a href="#">Release-Notes - IoT</a>
Software	<a href="#">u-link VPN-Client - Version 2.0.194</a> <a href="#">Current Firmware file for UC20 IoT</a> <a href="#">Archiv Firmware files UC20-WL2000-IOT</a>
User Documentation	<a href="#">u-link Technical User Guide</a> <a href="#">MANU UC20 XL2000 DE</a> <a href="#">MANU UC20 XL2000 EN</a> <a href="#">UC20-WL2000-IOT Supported modules list</a>

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**Connection diagram**

