

**UC20-WL2000-AC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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**

Version	Controller, IP20, u-control 2000 web, AutomationController, Web-based
Order No.	<a href="#">1334950000</a>
Type	UC20-WL2000-AC
GTIN (EAN)	4050118138351
Qty.	1 pc(s).

Creation date 03 December 2020 11:48:48 CET

Catalogue status 20.11.2020 / 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
Mounting dimension - height	128 mm	Net weight	232 g
Width	52 mm	Width (inches)	2.047 inch

### Connection data

Type of connection	PUSH IN
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### General data

Rail	TS 35	UL 94 flammability rating	V-0
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### Power supply

Current consumption from $I_{IN}$ (power segment of the field bus coupler), typ.	116 mA	
Current consumption from $I_{IN}$ (power segment of the fieldbus coupler), typ.	max.	116 mA
	nominal	116 mA
	min.	0 mA
Feed current for $I_{IN}$ (input current path)	nominal	5,000 mA
	min.	0 mA
	max.	5,000 mA
Feed current for $I_{IN}$ (input current path), max.	5 A	
Feed current for $I_{OUT}$ (output current path)	max.	5,000 mA
	min.	0 mA
	nominal	5,000 mA
Feed current for $I_{OUT}$ (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
Engineering tool	u-create web	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	Programming environment	web-based
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
eClass 11.0	27242607		

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**Technical data****Approvals**

Approvals



ROHS	Conform
UL File Number Search	E141197

**Downloads**

Engineering Data	<a href="#">STEP</a>
Product Change Notification	<a href="#">Release Notes - web</a>
Software	<a href="#">u-link VPN-Client - Version 2.0.194</a> <a href="#">Current Firmware file for UC20 web</a> <a href="#">Archiv Firmware files UC20-WL2000-AC</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-AC Supported Modules List</a>

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**Connection diagram**

