

Automation Products
UC20-SL2000-OLAC-EC**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, Similar to illustration**

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-SL2000-OLAC-EC
Order No.	2638920000
Version	Controller, IP20, u-control 2000 studio, OpenLinux Automation Controller with EtherCAT interface
GTIN (EAN)	4050118688641
Qty.	1 pc(s).

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

Data sheet

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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	250 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 _{IN} (power segment of the field bus coupler), typ.	116 mA	Feed current for I _{IN} (input current path), max.	5 A
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
Field bus protocol	EtherCAT	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	EC000236	ETIM 7.0	EC000236
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Approvals

Approvals



ROHS	Conform
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Technical data**Downloads**

Engineering Data	STEP
User Documentation	MANU UC20 XL2000 DE MANU UC20 XL2000 EN MAN_U-CREATE_STUDIO_DE MAN_U-CREATE_STUDIO_EN UC20-SL2000-OLAC-EC Release Notes QGUI u-create studio EN Project setup guide: u-create studio

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Connection diagram

