

**UC20-SL2000-OLAC-EC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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**

Version	Controller, IP20, u-control 2000 studio, OpenLinux Automation Controller with EtherCAT interface
Order No.	<a href="#">2638920000</a>
Type	UC20-SL2000-OLAC-EC
GTIN (EAN)	4050118688641
Qty.	1 pc(s).

Creation date 26 November 2020 16:17:49 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	250 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.	nominal	116 mA	
	min.	0 mA	
	max.	116 mA	
Feed current for $I_{IN}$ (input current path)	min.	0 mA	
	nominal	5,000 mA	
	max.	5,000 mA	
Feed current for $I_{IN}$ (input current path), max.	5 A		
Feed current for $I_{OUT}$ (output current path)	nominal	5,000 mA	
	max.	5,000 mA	
	min.	0 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 studio	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
Programming environment	CoDeSys based	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
eClass 11.0	27242207		

**Data sheet****UC20-SL2000-OLAC-EC**

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**Technical data****Approvals**

Approvals



ROHS	Conform
UL File Number Search	E141197

**Downloads**

Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">MANU UC20 XL2000 DE</a> <a href="#">MANU UC20 XL2000 EN</a> <a href="#">MAN_U-CREATE_STUDIO_DE</a> <a href="#">MAN_U-CREATE_STUDIO_EN</a> <a href="#">UC20-SL2000-OLAC-EC Release Notes</a> <a href="#">QGUI u-create studio_EN</a> <a href="#">Project setup guide: u-create studio</a>

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**Connection diagram**

