

UC20-WL2000-AC

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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	Control web-based, u-create web, u-OS, IP20, 2 x RJ45 plug-in connectors, 24 V DC +20 %/ -15 %, Micro USB 2.0, -20 °C...55 °C
Order No.	1334950000
Type	UC20-WL2000-AC
GTIN (EAN)	4050118138351
Qty.	1 items

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Technical data

Approvals

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

Dimensions and weights

Depth	76 mm	Depth (inches)	2.9921 inch
Height	120 mm	Height (inches)	4.7244 inch
Width	52 mm	Width (inches)	2.0472 inch
Mounting dimension - height	128 mm	Net weight	232 g

Temperatures

Storage temperature	-40 °C ... +85 °C	Operating temperature	-20 °C...55 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cl
REACH SVHC	Lead 7439-92-1, 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1
SCIP	b2baa72f-7638-44ad-b8eb-76854d0293dc

Connection data

Type of connection	PUSH IN
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General data

UL 94 flammability rating	V-0	Mounting rail	TS 35
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Power supply

Feed current for IIN (input current path) , 5 A max.		Current consumption from I _{sys} , typ.	116 mA
Supply voltage for outputs	24 V DC +20 %/ -15 %	Supply voltage system and inputs	24 V DC +20 %/ -15 %
Feed current for IOU _T (output current path) , max.	5 A		

System data

Module type	Controller	Interface	2x Ethernet TCP/IP, 1x Micro USB
max. number of modules	64	Configuration interface	Micro USB 2.0

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Program data memory expansion possible	Yes	Processor	Dual Core ARM Cortex A9, 624 MHz, 512 Mbyte RAM
Connection type	2 x RJ45 plug-in connectors	Engineering tool	u-create web, u-OS
Programming environment	web-based	Memory (Flash)	8 GB, 32 GB via microSD
Real-time clock	Battery buffered	Field bus protocol	PROFINET, EtherNet/IP
Transmission speed backplane bus, max.48 Mbit			

Important note

Product information The matching end brackets are included with the control.

Classifications

ETIM 6.0	EC000236	ETIM 7.0	EC000236
ETIM 8.0	EC000236	ETIM 9.0	EC000236
ETIM 10.0	EC000236	ECLASS 9.0	27-24-22-07
ECLASS 9.1	27-24-22-07	ECLASS 10.0	27-24-22-07
ECLASS 11.0	27-24-22-07	ECLASS 12.0	27-24-22-07
ECLASS 13.0	27-24-22-07	ECLASS 14.0	27-24-22-07
ECLASS 15.0	27-24-22-07		

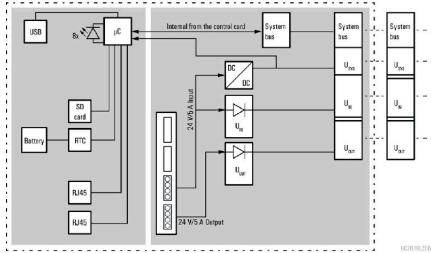
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Drawings

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Block diagram



Connection diagram

