Data sheet

UC20-WL2000-AC-CAN

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Modern IoT applications require powerful and flexible automation. The u mation portfolio offers a future-proof hardware ecosystem with modular, powerful controllers for demanding industrial and IIoT scenarios. Multicore architectures, the open operating system u-OS and a wide range of interfaces allow high-precision real-time control, data acquisition and edge computing in a single system. Compatible I/O modules, compact engineering solutions and secure IoT gateways allow any application to be expanded in a scalable manner. Starter kits and accessories facilitate a quick start and support efficient development processes.

General ordering data

Version	AutomationController, Web-based, u-control 2000 web, CAN interface, integrated engineering tools: u-create web for PLC - (real-time system) & IIoT applications and CODESYS (u-OS) compatible, Dual Core ARM Cortex A9, 624 MHz, 512 Mbyte RAM, -20 °C...55 °C, IP20
Order No.	2928020000
Type	UC20-WL2000-AC-CAN
GTIN (EAN)	4099986655720
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform

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	120 mm	Net weight	232 g

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cI
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, CAN interface (type B2CF 3.50/180LR)

General data

UL 94 flammability rating	V-0	Mounting rail	TS 35

Power supply

Feed current for IIN (input current path) , max.	5 A	Current consumption from Isys, 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 IOUT (output current path) , max.	5 A		

System data

Module type	Controller	Interface	1x CAN (optional), 2x 1 Gbps (RJ45)
Number of modules, max.	64	Configuration interface	Micro USB 2.0
Processor	Dual Core ARM Cortex A9, 624 MHz, 512 Mbyte RAM	Connection type	PUSH IN
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	CANopen	Transmission speed backplane bus, max.	48 MBit/s

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Technical data

Guarantee

Time interval	1 year

Important note

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

Classifications

ETIM 8.0	EC000236	ETIM 9.0	EC000236
ETIM 10.0	EC000236	ECLASS 14.0	27-24-22-07
ECLASS 15.0	27-24-22-07		

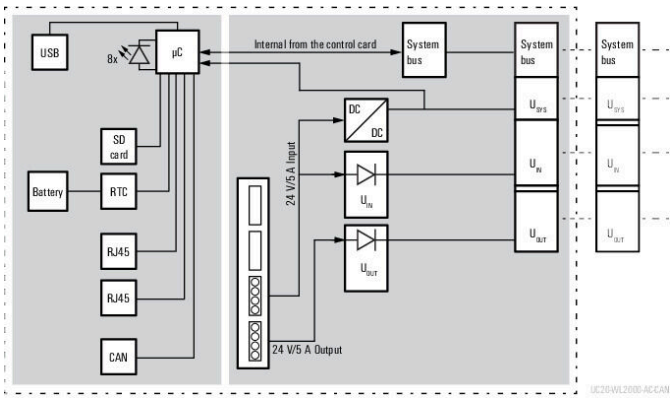
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Drawings

Block diagram



Connection diagram

