

UC20-R3500

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



General ordering data

Version	, Dual Core ARM Cortex A53, 1200 MHz, -20 °C...55 °C, IP20
Order No.	2927450000
Type	UC20-R3500
Qty.	

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Technical data

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		

Temperatures

Operating temperature	-20 °C...55 °C
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Connection data

Wire cross-section, finely stranded, max. (AWG)	AWG 26	Wire cross-section, finely stranded, min. (AWG)	AWG 16
Wire cross-section, solid, max. (AWG)	AWG 26	Wire cross-section, solid, min. (AWG)	AWG 16
Type of connection	PUSH IN	Wire cross-section, solid, max.	1.5 mm ²
Wire cross-section, solid, min.	0.14 mm ²	Wire connection cross-section, finely stranded, max.	1.5 mm ²
Wire connection cross section, finely stranded, min.	0.14 mm ²		

General data

Mounting rail	TS 35	Air pressure (operation)	≥ 795 hPa (height ≤ 2000 m) as per DIN EN 61131-2
Air humidity (transport)	95 %, no condensation	Air pressure (transport)	≥ 700 hPa as per IEC 61131-2
Air pressure (storage)	≥ 700 hPa as per IEC 61131-2	Air humidity (storage)	95 %, no condensation

Power supply

Supply voltage for outputs	24 V DC +20 %/-15 %	Supply voltage system and inputs	24 V DC +20 %/-15 %
Feed current for output current path, max.	10 A		

System data

Module type	Controller	Interface	RS485, CAN, u-remote system bus, 1x Ethernet 10/100/1000 MBit/s (RJ45), Ethernet 10/100 Base-TX (RJ-45 socket), 1x USB 2.0
Processor (NRT-Core)	4x A53 (4x 2,3 DMIPS/MHz) @ 1200 MHz	Configuration interface	USB-C (3.1)
Program data memory expansion possible	Yes	Program data memory size	8 GB
Processor	Dual Core ARM Cortex A53, 1200 MHz	Connection type	PUSH IN
Engineering tool	u-OS	Programming environment	CODESYS
Memory (Flash)	8 GB	Real-time clock	Battery buffered
Field bus protocol	Ethernet, PROFINET IRT, EtherCAT		

Technical data

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		