

US5-B10-B1
US5-Bxx-xxx



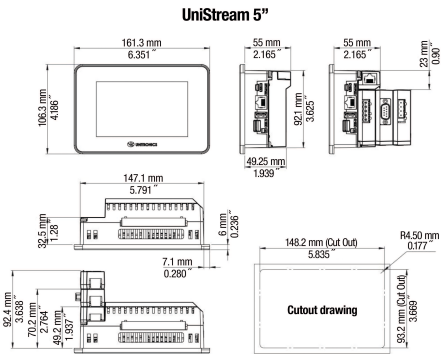
HMI	
Display	5" (16:9) touchscreen, TFT, LCD, 65 536 (16 bit) colors
Resolution	800 x 480 pixels (WVGA)
Power supply	
Nominal voltage	12...24 V DC
Memory	
Number of ladder code memory (virtual)	1,000 KB
Execution time	0.13 µs
Memory card	Micro SD-Card
Internal memory	RAM: 512 MB (-B5) / 1 GB (-B10) ROM: 3 GB system memory (-B5) / 6 GB (-B10) ROM: 1 GB user memory (-B5) / 2 GB (-B10)
Communication	
Connections	RS232 RS485 CAN
Modules	Add up to 3 COM modules
Protocol	MQTT Client, EtherNet/IP, MODBUS TCP, CANopen, CANlayer2, UniCAN, SNMP, BACnet, KNX and M-Bus via gateway, Message Composer for 3rd party protocols
General data	
Storage temperature (no ice)	-30 ... 70 °C / -22 ... 158 °F
Operation temperature	-20 ... 55 °C / -4 ... 131 °F
Back-up battery	Model: 3V CR2032, Battery lifetime: 4 years typical at 25 °C, Battery Low detection and indication (via the HMI and via System Tag)
Dimensions	see fig. 1
Mounting	Panel with brackets
Ingress Protection	IP 66 / NEMA4X (Front face), IP 20 / NEMA1 (Rear side)
Relative humidity, no condensation	5 ... 95 %

Product references		
Description	Type	12-24
No built-in I/Os	US5-B10-B1	✓
Other devices on request. Please contact support@comatreleco.com .		
The UniLogic software is available free of charge on www.unitronicsplc.com at downloads.		

Accessories	
Expansion Adapters	UAG-CX-XKP125, UAG-CX-XKP300, UAG-CX-XKPL600, UAG-CX-XKPL1200, UAG-CX-XKPL1500, UAG-CX-XKPL2000, UAG-CX-XKPL3000
Uni-COM	UAC-CX-01RS2, UAC-CX-01RS4, UAC-CX-01CAN
I/O Expansion Modules	IO-DI8-T08, IO-DI8-R04, IO-DI8-R08, IO-T016, IO-R08, IO-R016, IO-DI8ACH, IO-AI4-A02, IO-PT400, IO-PT4K, IO-A06X, IO-LC1, IO-LC3, IO-ATC8, IO-AI8, IO-D16A3-R016, EX-D16A3-R08, EX-D16A3-T016, EX-A2X, EX-RC1
Routers	EX90-DI8-R08
DIN rail kit for UCR B5/B8	UCR-ST-B5-EU, UCR-ST-B8-EU UCR-OP-B5-DIN



fig. 1. Wiring diagram



Technical approvals, conformities

Approvals