

SM70-J-R20

SM70-J-xxx

HMI	
Display	7.0" touchscreen, TFT, LCD, resistive, analog, 65 536 colors (16 bit)
Resolution	800 x 480 pixels (WVGA)
Number of definable displays	24
Power supply	
Nominal voltage	24 V DC
Operating voltage range	20.4 ... 28.8 V DC
Inputs	
Number of digital inputs	12
Number of analog inputs*	2
Outputs	
Number of relay outputs	8
Memory	
Number of ladder code memory (virtual)	192 KB
Number of memory bits (coils)	512
Number of memory integers (registers)	256
Number of timers	32
Execution time	15 µs / Kb
Communication	
Connections	USB RS232 RS485 CAN
Protocol	MODBUS TCP, SNMP V1, CANopen, UniCAN, CANlayer2, BACnet, KNX and M-Bus via gateway, FB Protocol: for any 3rd party protocol
General data	
Storage temperature (no ice)	-20 ... 60 °C / -4 ... 140 °F
Operation temperature	0 ... 50 °C / 32 ... 122 °F
Back-up battery	7 years typical at 25 °C, battery back-up for RTC and system data, including variable data.
Dimensions	see fig. 2
Mounting	DIN rail, Panel with brackets
Ingress Protection	IP20 / NEMA1 (DIN-rail mounted), IP65 / NEMA4X (Panel mounted)
Relative humidity, no condensation	10 ... 95 %

Product references

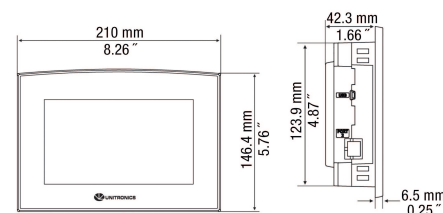
Description	Type	24
10 digital, 2 d/a inputs 8 relay outputs	SM70-J-R20	✓
Other devices on request. Please contact support@comatreleco.com .		
The VisiLogic software is available free of charge on www.unitronicsplc.com at downloads.		

Accessories

Additional Comm Ports	V100-17-ET2, V100-17-RS4X, V100-17-CAN
I/O Expansion Modules	IO-DI8-T08, IO-DI8-R04, IO-DI8-R08, IO-DI16, 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 EX90-DI8-R08
Routers	UCR-ST-B5-EU, UCR-ST-B8-EU
DIN rail kit for UCR B5/B8	UCR-OP-B5-DIN



fig. 1. Dimensions (mm)



Technical approvals, conformities

Standards IEC 60068-2-27; IEC 60068-2-6

Approvals