

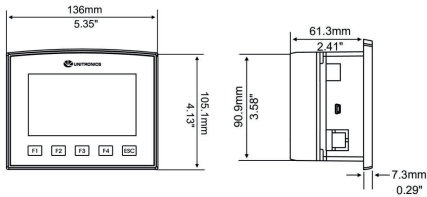
V430-J-B1  
V430-J-xxx



|                                                |                                                                                                                                                                                                                                                                                              |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HMI</b>                                     |                                                                                                                                                                                                                                                                                              |
| Display                                        | 4.3" touchscreen, TFT, LCD, resistive, analog, 65 536 colors (16 bit)                                                                                                                                                                                                                        |
| Resolution                                     | 480 x 272 pixels                                                                                                                                                                                                                                                                             |
| Number of keys                                 | 5                                                                                                                                                                                                                                                                                            |
| Number of definable displays                   | 1,024                                                                                                                                                                                                                                                                                        |
| <b>Power supply</b>                            |                                                                                                                                                                                                                                                                                              |
| Nominal voltage                                | 12...24 V DC                                                                                                                                                                                                                                                                                 |
| Operating voltage range                        | 10.2 ... 28.8 V DC                                                                                                                                                                                                                                                                           |
| <b>Memory</b>                                  |                                                                                                                                                                                                                                                                                              |
| Number of ladder code memory (virtual)         | 1,000 KB                                                                                                                                                                                                                                                                                     |
| Number of memory bits (coils)                  | 8,192                                                                                                                                                                                                                                                                                        |
| Number of memory integers (registers)          | 4,096                                                                                                                                                                                                                                                                                        |
| Number of timers                               | 384                                                                                                                                                                                                                                                                                          |
| Execution time                                 | 15 µs / Kb                                                                                                                                                                                                                                                                                   |
| Memory card                                    | Micro SD-Card                                                                                                                                                                                                                                                                                |
| <b>Communication</b>                           |                                                                                                                                                                                                                                                                                              |
| Connections                                    | RS232<br>RS485<br>USB<br>CAN optional                                                                                                                                                                                                                                                        |
| Protocol                                       | MODBUS TCP, SNMP V1, CANopen, CANlayer2, UniCAN, BACnet, KNX and M-Bus via gateway, FB Protocol: for any 3rd party protocol                                                                                                                                                                  |
| <b>General data</b>                            |                                                                                                                                                                                                                                                                                              |
| Storage temperature (no ice)                   | -20 ... 60 °C / -4 ... 140 °F                                                                                                                                                                                                                                                                |
| Operation temperature                          | 0 ... 50 °C / 32 ... 122 °F                                                                                                                                                                                                                                                                  |
| Back-up battery                                | CR2450, 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 %                                                                                                                                                                                                                                                                                  |
| <b>Accessories</b>                             |                                                                                                                                                                                                                                                                                              |
| Additional Comm Ports<br>I/O Expansion Modules | V100-17-ET2, V100-17-RS4X, V100-17-CAN, V100-17-PB1<br>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<br>EX90-DI8-R08 |
| Routers                                        | UCR-ST-B5-EU, UCR-ST-B8-EU                                                                                                                                                                                                                                                                   |
| DIN rail kit for UCR B5/B8                     | UCR-OP-B5-DIN                                                                                                                                                                                                                                                                                |
| Modems                                         | GSM-KIT-50                                                                                                                                                                                                                                                                                   |



fig. 1. Dimensions (mm)



Technical approvals, conformities

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

Approvals