

Data sheet

OP 03, Operator Panel, en, ru (603-1OP10)

Technical data

| | |
|---|--|
| Order no. | 603-1OP10 |
| Type | OP 03, Operator Panel, en, ru |
| General information | |
| Note | - |
| Features | Display: 2 x 20 characters Interface: MP2I User memory: 256 kB Languages: DE (without Umlaut), EN, RU Project engineering only via VIPA OP-Manager |
| Display | |
| Number of rows | 2 |
| Characters per row | 20 |
| Character height | 5 mm |
| Type of display | STN with LED backlighting |
| OP functionality | |
| User memory | 256 |
| Number of variables | 4096 |
| Language | DE (w/o umlauts)/EN/RU |
| Operating controls | |
| Touchscreen | - |
| Keyboard | Membran keyboard |
| Mouse | - |
| Number of system keys | 8 |
| Number of soft keys | 5 |
| Technical data power supply | |
| Power supply (rated value) | DC 24 V |
| Power supply (permitted range) | DC 20.4...28.8 V |
| Reverse polarity protection | yes |
| Current consumption (no-load operation) | 80 mA |
| Current consumption (rated value) | 500 mA |
| Inrush current | 55 A |
| I ² t | 0.34 A ² s |
| Time | |
| Real-time clock | yes |
| Clock buffered period (min.) | - |
| Accuracy (max. deviation per day) | - |
| Functionality Sub-D interfaces | |
| Type | MP2I |
| Type of interface | RS485 |
| Connector | Sub-D, 9-pin, female |

| | |
|--------------------------|-------------------------|
| Electrically isolated | - |
| MPI | yes |
| MP2I (MPI/RS232) | yes |
| Point-to-point interface | - |
| 5V DC Power supply | max. 90mA, non-isolated |
| 24V DC Power supply | - |

Mechanical data

Housing / Protection type

| | |
|-------------------------|------------------------------|
| Material | die-cast aluminum |
| Mounting | via integrated pivoted lever |
| Protect type front side | IP 65 |
| Protect type back side | IP 20 |

Dimensions

| | |
|-------------|------------------------|
| Front panel | 187 mm x 90 mm x 6 mm |
| Rear panel | 154 mm x 77 mm x 55 mm |

Installation cut-out

| | |
|-------------------------------|--------|
| Width | 156 mm |
| Height | 78 mm |
| Minimum | 2.5 mm |
| Maximum front panel thickness | 6 mm |
| Net weight | 600 g |

Environmental conditions

| | |
|-----------------------|-----------------|
| Operating temperature | 0 °C to 60 °C |
| Storage temperature | -20 °C to 70 °C |

Certifications

| | |
|------------------|---|
| UL certification | - |
| KC certification | - |