




| | THERMOSTAT ZR-011 | ACCESS CONTROLLER PR312EM-BK-G ROGER | ACCESS CONTROLLER MODULE MC16-PAC-EX-3 ROGER |
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| |  |  |  |
| | 17.88 CAD 17.88 CAD | 191.06 CAD 191.06 CAD | 1031.00 CAD 1031.00 CAD |
| Sensor type | Bimetallic | ... | ... |
| Cards support | ... | Unique EM 125kHz | ... |
| Number of served transitions | ... | ... | 3 |
| Reading distance of prox-keys | ... | max. 15 cm | ... |
| Inputs | ... | ... | 18 |
| Keyboard built-in | ... | — | ... |
| Outputs | ... | ... | 12 |
| Number of users | ... | ... | max. 12000 - Number of identifiers |
| Contact type | <ul style="list-style-type: none"> • 1 pcs NC - opened after exceeding the set temperature, • 1 pcs NO - closed after exceeding the set temperature Each contact has its own temperature setting | ... | ... |
| Number of media per ID | ... | ... | 8 - Proximity card, PIN code, fingerprint, etc. |
| Maximal power voltage | 250 V AC | ... | ... |
| Number of permissions per ID | ... | ... | 100 |
| Relay maximal load | 10 A | ... | ... |
| Buffer memory | ... | ... | 8 000 000 events buffer |
| MCT readers support | ... | ... | 16 pcs |
| Temperature set range | 0 °C ... 60 °C | ... | ... |
| Selected features of the standalone mode | ... | <ul style="list-style-type: none"> • 4000 indexed users, • 32000 events buffer, • Operation with XM-2 I/O extension module (Full Standalone Mode) | ... |
| Hysteresis | 7 °C ± 4 °C | ... | ... |
| Readers connections | ... | ... | 4 pcs - Wiegand / PRT |
| Number of login points | ... | ... | 6 |
| Number of access terminals | ... | ... | 12 |

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|----------------------------|----------------|--|---|
| Number of access zones | ... | ... | 6 |
| "Index of Protection" | IP20 | ... | ... |
| Number of alarm zones | ... | ... | 6 |
| Assembly | DIN TS-35 rail | ... | ... |
| Number of automation nodes | ... | ... | 6 |
| Battery backup support | ... | ... | 12 V / 7 Ah |
| Communication | ... | <ul style="list-style-type: none"> • RS-485 • RACS (Roger) • Biometric Reader support (RFT1000 Mode) | <ul style="list-style-type: none"> • Ethernet - RJ-45 socket • RS-485 interface • RACS 5 v2 (Roger) |
| Main features | ... | <ul style="list-style-type: none"> • The ability to add additional reader (bilateral way door control), • 3 programmable input lines NO/NC, • 2 programmable transistor outputs 1A, • Programmable relay output 1.5A/30V, • Any topology of communication bus, • 99 General Purpose Schedules, • 250 access groups, • Possibility to connect the XM-2 type in/out expander, • Integration with an alarm system via in/out line, • Door modes (Normal, Locked, Unlocked and Conditionally Unlocked), • Identification modes (Card or PIN, Card and PIN, Card only, PIN only), • Two users function, dual identification mode and other advanced functions of access control, • System management via WAN/ LAN network, or COM/USB serial port, • Possibility to split the system into subsystems, • Tamper protection (detection of removing from mounting surface and enclosure opening), • LED indication, • Beep signal | <ul style="list-style-type: none"> • Integrated support in VISO EX software • Functions in the VISO EX system: - MSSQL database - work in distributed systems - multi-station work - monitoring of transitions with video preview - T&A event reporting - maximum number of transitions in the system - unlimited - division of the system into partitions operated by independent operators - tool for integration with RACS5 (API) systems - integration with many systems (elevator systems, building applications, SMS, BMS, PSIM, VMS, Active Directory systems) |
| Power supply | ... | 10 ... 15 V DC | <ul style="list-style-type: none"> • 17 ... 22 V AC • 10 ... 15 V DC • 22 ... 26 V DC |

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|-------------------------------|------------------|---|--------------------------------|
| Average current consumption | ... | 50 mA | ... |
| Operation temp | -20 °C ... 80 °C | -25 °C ... 60 °C | 5 °C ... 40 °C |
| Permissible relative humidity | ... | 10 ... 95 % (non-condensing) | 10 % ... 95 % (non-condensing) |
| Weight | 0.090 kg | 0.18 kg | 0.14 kg |
| Dimensions | 65 x 50 x 46 mm | 152.5 x 46 x 23 mm (Standard housing stand) 152.5 x 46 x 35 mm (Thicker housing stand) | 175 x 72 x 30 mm |
| Manufacturer / Brand | ... | ROGER | ROGER |
| Guarantee | 2 years | 3 years | 3 years |