Sate1[®]

MXD-300 BR

The MXD–300 BR detector is designed to operate within the **MICRA** wireless system. It is a multipurpose device capable of working as a magnetic contact, magnetic contact with input for roller shutter detector, shock detector, shock detector and magnetic contact or water flood detector.

It is supported by: **PERFECTA** (WRL models and **PERFECTA 64 M** equipped with **PERFECTA-RF** module) alarm control panels, **VERSA-MCU** controller, **MTX-300** controller, **MICRA** alarm module (firmware version 2.02 or newer). Radio signals from the detector can be retransmitted by **MRU-300** radio signal repeater.

Available in two color options: white (MXD–300) or brown (MXD–300 BR).

- option to select detector type using jumpers
- operating modes:
 - magnetic contact / magnetic contact with input for roller shutter detector
 - detection of opening of a door, window, etc.
 - input for connecting an NC type wired detector
 - input for connecting a wired detector with roller shutter input (magnetic with roller shutter input)
 - shock detector / shock detector and magnetic contact
 - detection of shocks and vibrations associated with attempts to force a door or window
 - detection of opening of a door, window, etc. (shock and magnetic detector)
 - water flood detector
 - detection of flooding in rooms with plumbing
 - input for connecting an external flood probe FPX-1 (white), FPX-1 BR (brown) or FPX-1 DG (dark gray) the probe available separately
- encrypted radio transmissions in the 433 MHz frequency band
- battery status control
- LED indicator
- tamper protection against enclosure opening and removal from mounting surface
- 2 magnets included (for surface and flush mounting)



Satel^{*}

Maximum gap for the top reed switch - surface magnet (magnetic detector)25 mmMaximum gap for side reed switch - surface magnet (magnetic detector)20 mmMaximum gap for side reed switch - surface magnet (magnetic detector)15 mmMaximum gap for side reed switch - surface magnet (magnetic detector)88 µAStand-by current consumption (shock sensor OFF)72 µAMF input sensitivity (F - N0 input)1,5 sMF jout sensitivity (F - N0 input)300 msRadio communication range (nopen area) for MRU-300up to 300 msRadio communication range (depending on the type of mounting surface)010 x28 mmMagnet pad dimensions - surface mounting26 x13 x3,5 mmMagnet pad dimensions - surface mounting26 x13 x3,5 mmBattery working time (ny eares)up to 20Radio communication range (nopen area) for PERFECTAup to 20Story grade according to ENS0131-26Grade 2Complied with standards26 x11 x.29 mmEnvironmentation range (nopen area) for PERFECTAIIBattery or Consumeting to ENS0130-5IIEnvironmentation range (nopen area) for PERFECTAUp to 600 mStand-by current consumeting to ENS0130-5IIBattery or Stander Stan	Radio communication range (in open area) for MICRA / VERSA-MCU / MTX-300	up to 500 m
Maximum gap for side reed switch - surface magnet (magnetic detector)15 mmStand-by current consumption (shock sensor ON)88 µAStand-by current consumption (shock sensor OFF)72 µAM/F input sensitivity (F - NO input)1,5 sM/F input sensitivity (F - NO input)300 msRadio communication range (in open area) for MRU-300up to 300 mShock detection range (depending on the type of mounting surface)up to 300 mMagnet pad dimensions - recessed mountinga10 x 28 mmMagnet pad dimensions - surface mounting26 x 13 x 3,5 mmMagnet enclosure dimensions - surface mounting26 x 13 x 3,5 mmBattery working time (in years)up to 2Complied with standardsEN 50130-4, EN 50131-1, EN 50131-2,6, EN 50131-1, SDetector enclosure dimensions1BatteryCR123A 3VOperating frequency band433,05 x 43,79 MHzMaximum humidity3933%Weight77 gMax. current consumption22 mA	Maximum gap for the top reed switch - surface magnet (magnetic detector)	25 mm
Stand-by current consumption (shock sensor ON)88 μAStand-by current consumption (shock sensor OFF)72 μAMF input sensitivity (F - NO input)1.5 sMF input sensitivity (M - NC input)300 msRadio communication range (in open area) for MRU-300up to 300 mShock detection range (depending on the type of mounting surface)up to 33 mMagnet pad dimensions - secseed mountinge10 x 28 mmMagnet pad dimensions - surface mounting26 x 13 x 3,5 mmMagnet pad dimensions - surface mounting26 x 13 x 3,5 mmMagnet enclosure dimensions - surface mountingup to 2Radio communication range (in open area) for PERFECTAup to 600 mSecurity grade according to EN50131-2.6Grade 2Complied with standards26 x 112 x 29 mmEnvironmental class according to EN50130-5IBatteryGR123A 3VOperating frequency band433,05 + 434,79 MHzMaximum humidity93:33%Weight77 gMax. current consumption22 mA	Maximum gap for side reed switch - recessed magnet (magnetic detector)	20 mm
Stand-by current consumption (shock sensor OFF)72 µAMF input sensitivity (F - NO input)1,5 sMF input sensitivity (M - NC input)300 msRadio communication range (in open area) for MRU-300up to 300 msShock detection range (depending on the type of mounting surface)up to 3 mMagnet pad dimensions - recessed mountingof 10 x 28 mmMagnet pad dimensions - surface mounting26 x 13 x 3,5 mmMagnet enclosure dimensions - surface mounting26 x 13 x 3,5 mmBattery working time (in years)up to 2Radio communication range (in open area) for PERFECTAup to 600 mSecurity grade according to EN50130-5.Grade 2Complied with standards26 x 112 x 29 mmEnvironmental class according to EN50130-5.IIBatteryCR123A 3VOperating frequency band433,05 x 434,79 MHzMaximun humidity93±3%Weight77 gMax. current consumption22 mA	Maximum gap for side reed switch - surface magnet (magnetic detector)	15 mm
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MF input sensitivity (M - NC input)300 msRadic communication range (in open area) for MRU-300up to 300 mShock detection range (depending on the type of mounting surface)up to 3 mMagnet pad dimensions - recessed mountingo10 x 28 mmMagnet pad dimensions - surface mounting26 x 13 x 3,5 mmMagnet enclosure dimensions - surface mounting26 x 13 x 3,5 mmMagnet enclosure dimensions - surface mounting26 x 13 x 19 mmBattery working time (in years)up to 2Radic communication range (in open area) for PERFECTAup to 2Security grade according to EN50131-2-6Grade 2Complied with standardsEN50130-5, EN50131-2,6, EN50131-2,6, EN50131-5,3Detector enclosure dimensions26 x 112 x 29 mmEnvironmental class according to EN50130-5IIBatteryCR123A 3VOperating frequency band433,05 ÷ 434,79 MHzMaximum humidity93±3%Weight77 gMax.current consumption22 mA	Stand-by current consumption (shock sensor OFF)	72 µA
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Shock detection range (depending on the type of mounting surface)up to 3 mMagnet pad dimensions - recessed mountingø10 x 28 mmMagnet pad dimensions - surface mounting26 x 13 x 3,5 mmMagnet enclosure dimensions - surface mounting26 x 13 x 19 mmBattery working time (in years)up to 2Radio communication range (in open area) for PERFECTAup to 600 mSecurity grade according to EN50131-2-6Grade 2Complied with standardsEN 501304, EN 50130-5, EN 50131-1, EN 50131-26, EN 50131-53Detector enclosure dimensions26 x 112 x 29 mmEnvironmental class according to EN50130-5IIBatteryCR123A 3VOperating frequency band433,05 ÷ 434,79 MHzMaximum humidity93±3%Weight77 gMax. current consumption22 mA	M/F input sensitivity (M - NC input)	300 ms
Magnet pad dimensions - recessed mountingof 0 x 28 mmMagnet pad dimensions - surface mounting26 x 13 x 3,5 mmMagnet enclosure dimensions - surface mounting26 x 13 x 19 mmBattery working time (in years)up to 2Radio communication range (in open area) for PERFECTAup to 600 mSecurity grade according to EN50131-2-6Grade 2Complied with standardsEN 50130-4, EN 50130-5, EN 50131-1, EN 50131-2-6, EN 50131-5-3Detector enclosure dimensions26 x 112 x 29 mmEnvironmental class according to EN50130-5IIBatteryCR123A 3VOperating frequency band433,05 ÷ 434,79 MHzMaximum humidity93±3%Weight77 gMax. current consumption22 mA	Radio communication range (in open area) for MRU-300	up to 300 m
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Magnet enclosure dimensions - surface mounting26 x 13 x 19 mmBattery working time (in years)up to 2Radio communication range (in open area) for PERFECTAup to 600 mSecurity grade according to EN50131-2-6Grade 2Complied with standardsEN 50130-4, EN 50131-2-6, EN 50131-5-3Detector enclosure dimensions26 x 112 x 29 mmEnvironmental class according to EN50130-5IIBatteryCR123A 3VOperating frequency band433,05 ÷ 434,79 MHzMaximum humidity93±3%Weight77 gMax. current consumption22 mA	Magnet pad dimensions - recessed mounting	ø10 x 28 mm
Battery working time (in years)up to 2Radio communication range (in open area) for PERFECTAup to 600 mSecurity grade according to EN50131-2.6Grade 2Complied with standardsEN 50130-4, EN 50130-5, EN 50131-1, EN 50131-2-6, EN 50131-5-3Detector enclosure dimensions26 x 112 x 29 mmEnvironmental class according to EN50130-5IIBatteryCR123A 3VOperating frequency band433,05 ÷ 434,79 MHzMaximum humidity93±3%Veight77 gMax. current consumption22 mA	Magnet pad dimensions - surface mounting	26 x 13 x 3,5 mm
Radio communication range (in open area) for PERFECTAup 600 mSecurity grade according to EN50131-26Grade 2Complied with standardsEN 50130-4, EN 50130-5, EN 50131-1, EN 50131-2-6, EN 50131-5-3Detector enclosure dimensions26 x 112 x 29 mmEnvironmental class according to EN50130-5IIBatteryCR123A 3VOperating frequency band433,05 ÷ 434,79 MHzMaximum humidity93±3%Veight77 gMax. current consumption22 mA	Magnet enclosure dimensions - surface mounting	26 x 13 x 19 mm
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Detector enclosure dimensions $26 \times 112 \times 29 \text{mm}$ Environmental class according to EN50130-5IIBatteryCR123A 3VOperating frequency band $433,05 \div 434,79 \text{MHz}$ Maximum humidity $93 \pm 3\%$ Weight 77g Max. current consumption 22mA	Security grade according to EN50131-2-6	Grade 2
Environmental class according to EN50130-5IIBatteryCR123A 3VOperating frequency band433,05 ÷ 434,79 MHzMaximum humidity93±3%Weight77 gMax. current consumption22 mA	Complied with standards	EN 50130-4, EN 50130-5, EN 50131-1, EN 50131-2-6, EN 50131-5-3
Battery CR123A 3V Operating frequency band 433,05 ÷ 434,79 MHz Maximum humidity 93±3% Weight 77 g Max. current consumption 22 mA	Detector enclosure dimensions	26 x 112 x 29 mm
Operating frequency band 433,05 ÷ 434,79 MHz Maximum humidity 93±3% Weight 77 g Max. current consumption 22 mA	Environmental class according to EN50130-5	ll
Maximum humidity 93±3% Weight 77 g Max. current consumption 22 mA	Battery	CR123A 3V
Weight 77 g Max. current consumption 22 mA	Operating frequency band	433,05 ÷ 434,79 MHz
Max. current consumption 22 mA	Maximum humidity	93±3%
	Weight	77 g
Operating temperature range -10°C+55°C	Max. current consumption	22 mA
	Operating temperature range	-10°C+55°C