

PRODUCT-DETAILS

# GM/A8.1

## GM/A 8.1 KNX Security Panel



### General Information

Extended Product Type	GM/A8.1
Product ID	2CDG110150R0011
EAN	4016779906302
Catalog Description	GM/A 8.1 KNX Security Panel

### Long Description

Used to manage up to 5 logical areas with up to 344 detector groups, of which 8 detector groups are integrated. Via the security bus S-Bus 1 zone modules, motion detectors and setting devices can be directly connected. The number of detector groups via the security bus S-Bus 1 is dependent on the current requirement (max. 800 mA) of the connected system components, cable length and cross-section. The security bus S-Bus 3 allows the connection for up to 5 keypads of the BT/A series. The KNX interface is used to exchange information of the whole system and allows operations via the KNX. An additional 128 detector groups can be integrated via KNX. The commissioning of the KNX is done via the ETS software. The network connection is used for parameterization, operation and display via the existing web server. The panel possesses 4 outputs for signal encoders and 4 outputs for potential-free switching (12...24 V DC/AC). The integrated modem is used for private remote alarms using spoken messages, text messages (SMS-Center) and e-mail. In addition, a system interface (ATS) allows the connection of an external ABB transmission device of the comXline series, for connection to a security company. It is possible to connect 2x18 Ah rechargeable batteries as critical power for up to 60 hours, in accordance with VdS, DIN EN and ISO/IEC. The device can be used in systems with increased security requirements according to VdS Class A, B and C, DIN VDE 0833 Level 1, 2 and 3 and EN 50 131 / IEC 62 642 Level 1, 2 and 3.

### Installation

Instructions and Manuals	2CDG941101P0003
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## Technical

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Data Sheet, Technical Information	2CDC513071D0202
Auxiliary Voltage AC/DC	110 ... 230 V AC
Output Voltage (U <sub>out</sub> )	12 V DC
Maximum Switching Current	2 A
Power Loss	9 W
Communication Interface	Ethernet
Number of Outputs	8
Compatible Bus Systems	KNX (TP) S-Bus/XIB
Mounting Type	Surface Mounted
Manual Operation	No
Number of Batteries	0

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## Environmental

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Degree of Protection	IP30
RoHS Status	Following EU Directive 2011/65/EU
RoHS Information	2CDK513056D2701
REACH Declaration	9AKK107492A1906

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## Dimensions

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Product Net Width	427 mm
Product Net Height	467 mm
Product Net Depth / Length	113 mm
Product Net Weight	9 kg

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## Ordering

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Replacement Product ID (NEW)	No replacement
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## Certificates and Declarations

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CB Certificate	9AKK107991A3231
Declaration of Conformity - CE	2CDK513056D2701
KNX Certificate	9AKK105710A0045

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## Classifications

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ETIM 8	EC001525 - Central alarm station for intrusion detection system
ETIM 9	EC001525 - Central alarm panel for intrusion detection system
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8531 10 30
eClass	V11.0 : 27390201
Object Classification Code	A

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## Categories

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Low Voltage Products and Systems → Building and Home Automation Solutions → Intrusion Alarm Systems → Alarm System - GMA → Alarm Panels

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