

JA-KNX

KNX gateway for Jablotron alarms

JA-KNX connects Jablotron 100 alarm systems to KNX through the JA-121T RS485 module. Monitor zones and PGs, recall scenes and control arming from a KNX visualisation or push-button.



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Alarm system and connection

Jablotron 100

JA-121T

Local RS485

Requires the Jablotron JA-121T communication module.

Alarm control and automation

Bidirectional control

Arm, partially arm and disarm up to 4 areas from KNX using a valid Jablotron user code.

Up to 96 zones

Monitor up to 96 zones per gateway. Select zones 1-96 or 97-192 through the zone offset.

32 bidirectional PGs

Control and monitor programmable outputs. Link a PG to a detector for KNX lighting.

Local connection and installation

Events and commands use the local RS485 link. KNX is galvanically isolated from the alarm side. The RS485 termination resistor is built in.

Communication pauses in alarm service mode.

Area status feedback

9 statuses per area, including entry/exit delays, arming states, fire, siren, panic and intrusion.

Automatic scene recall

Assign KNX scenes to area status changes to trigger building automation responses.

ETS commissioning

Configure zones, PGs, areas and scenes in ETS using the Elausys alarm gateway application.

Mount the module inside the alarm panel, or use the optional DIN-2TE rail enclosure.

Supply 12 VDC from the alarm panel or an external auxiliary power supply.

Technical specifications

Aux. supply	External 12 VDC	Alarm interface	RS485 to JA-121T, 9600 baud
Bus current	< 16 mA at 29 VDC	Zones / PGs	Up to 96 / 32 bidirectional
Dimensions	81 × 29 × 20 mm	Areas / statuses	Up to 4 / 9 per area
Operating temp.	+5 °C to +45 °C	KNX interface	KNX TP, galvanically isolated
Mounting	Panel / optional DIN-2TE	Configuration	ETS

Required accessory: Jablotron JA-121T. Optional accessory: DIN-2TE DIN-rail enclosure.