



Callout	Description
2	LSN1 LSN data bus
3	LSN2 AUX power
4	LSN2 LSN data bus
5	Tamper input - currently not enabled
6	Bosch Data Bus (BDB) connector (B)
7	Bosch Data Bus (BDB) connector (A)

### Connectable LSN devices

The module supports mixed operation of LSN classic devices and LSNi devices on the loop or stub(s).

### Motion detectors

DS 840	Dual P.I.R. + MW Motion Detector
DS 935	P.I.R. Motion Detector
IR 200	P.I.R. Motion Detector
IR 210/212	P.I.R. Motion Detector/Curtain Detector
IR 250/252 T	P.I.R. Motion Detector/ Curtain Detector with Anti-mask
IR 270 T	P.I.R. Motion Detector with Anti-mask
PPR1-WA16KV	Professional Series P.I.R Motion Detector with Anti-mask
PDL1-WA18KV	Professional Series Dual P.I.R + MW Motion Detector with Anti-mask
PDL1-WAC25	Professional Series Dual P.I.R + MW Curtain Detector with Anti-mask
PDL2-A12xL	Professional Series Dual P.I.R + MW Motion Detector with Anti-mask
UP 350 T	Dual P.I.R. + US Motion Detector with Anti-mask
UP 370 T	Dual P.I.R. + US Motion Detector with Anti-mask

### Contacts

EMK 36 / AMK 4	Magnetic contact
EMK 36 S / AMK 4S	Magnetic contact / window contact with tamper supervision
SKA / SKI 100	Bolt contact indoor / outdoor

### Glassbreak detectors

GBS 2036	Passive glassbreak detector
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GBD2-110	Passive glassbreak detector
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### Seismic detectors

GM 570	Seismic detector
GM 580	Seismic detector waterproof
NKS 100	Seismic detector
SM 90-120	Seismic detector

### Panic buttons

ND 100	Panic button
ND 200	Panic button

### Arming / blocking devices

SE 50	Smartkey blocking device
SE 60	Smartkey blocking device
SE 100/110	Smartkey arming device
SE 120	Smartkey arming device
SE 200/210	Smartkey arming device with PIN pad
SE 220	Smartkey arming device with PIN pad
SE 310	Smartkey arming device with PIN pad + door opener
SE 320	Smartkey arming device with PIN pad + door opener

### Fire devices

DM / SM 210	Manual call point
FMC 210/420	Manual call point
FAP-O 420	Optical smoke detector
FAP-425-O	Optical smoke detector
FAP-OT 420	Optical / thermal detector
FAP-425-OT	Optical / thermal detector
FAP-OTC 420	Optical / thermal / chemical detector
FAH-T 420	Thermal detector
FAH-425-T	Thermal detector
O 400	Optical smoke detector
OT 400	Optical / thermal detector

OC 410	Optical / chemical detector
OTC 410	Optical / thermal / chemical detector
T 400	Thermal detector
FAP-O 500	Optical smoke detector
FAP-O 520	Optical smoke detector
FAP-OC 500	Optical / chemical detector
FAP-OC 520	Optical / chemical detector

### Sirens and strobes

FNM-420-A/B	Stand-alone sounder indoor/outdoor
FNM-420-A-BS	Base sounder indoor
FNM-420U-A/B	Stand-alone sounder indoor/outdoor uninterruptible
FNM-420U-A-BS	Base sounder indoor uninterruptible
FLM-420-NAC	Signaling device interface module
FNS-420 R	Strobe red

### In/out expansion modules

ATB100, ATG100, ATE100, ATB420, ATG420	Indicator module (32 LED)
EM 55-120	Expansion module (2 PL)
EMIL 120	Expansion module (6 PL + 4 OUT)
FLM-420 I8R1	Octo input interface module (8 IN + 1 RELAY)
FLM-420 O8I2	Octo output interface module (8 OUT + 2 IN)
FLM-420 RHV	Relay high voltage interface module
FLM-420 RLV8	Octo relay interface module (8 OUT)
IC 400	Universal expander module (1 PL + 2 OUT)
IF 100/102	16 zone expander module (16 PL + 8 OUT)
KD 55 / KD 55-1	2 zone expander module (2 PL)
NKK 100	Contact interface module (8 IN)
NNK 110	Expansion module (4 PL + 1 IN)

NTK 100	Indicator tableau expansion module (8 OUT + 1 IN)
NVK 100	Expansion module (6 PL + 4 OUT)

### Miscellaneous devices

NEV 300	Power supply
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### Parts included

Quantity	Component
1	ICP-MAP0010 LSN gateway module
1	Accessory pack <ul style="list-style-type: none"> <li>BDB cable</li> <li>Terminal plugs (2 brown, 2 white)</li> </ul>
1	Datasheet

### Technical specifications

#### Electrical

Operating voltage (VDC)	16 VDC – 29 VDC
Nominal voltage (VDC)	28 VDC
Input current (mA)	0 mA – 1,500 mA
Nominal current (mA)	75 mA
Maximum LSN line current (mA)	300 mA
Maximum LSN AUX output current (mA)	2 x 500 mA

#### Mechanical

Dimensions (H x W x D) (mm)	158.80 mm x 82.60 mm x 63.50 mm
Weight (g)	365 g
Material	Plastic
Color	White
LED color	Green
Wire requirements	0.6 mm - 1.0 mm (18 AWG -22 AWG) solid or stranded (for example, J-Y(St)Y 2 x 2 x n); up to 1000 m line length; twisted type shielded

## Environmental

Operating temperature (°C)	-10 °C – 55 °C
Storage temperature (°C)	-20 °C – 60 °C
Operating relative humidity, non-condensing (%)	5% – 95%
IP rating	IP30
Impact protection	IK04
Environmental class (EN 50130-5)	II
Environmental class (VdS 2110)	II
Usage	Indoor

## Ordering information

### ICP-MAP0010 MAP LSN Gateway

Supports up to 127 LSN devices. Up to eight gateways can be supported by a Modular Alarm Platform 5000 system.

Order number **ICP-MAP0010 | F.01U.064.521**  
**F.01U.422.425**

## Accessories

### IPP-MAP0005-2 MAP Power supply, 150W

Power supply and battery charger unit; converts 230 VAC input into 24 VDC nominal and 28 VDC fixed output.

Order number **IPP-MAP0005-2 | F.01U.245.558**  
**F.01U.423.904**

### ICP-MAP0120 MAP Expansion enclosure

Contains one MAP Expansion Enclosure, one MAP Expansion Enclosure Tamper Switch, one MAP Enclosure Lockset, and one MAP AC Terminal Block.

Order number **ICP-MAP0120 | F.01U.126.316**



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