

# JABLOTRON alarms

## PRODUCT CATALOGUE



**JABLOTRON**

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## CONTROL PANELS

JABLOTRON 100K  
JABLOTRON 100<sup>+</sup>



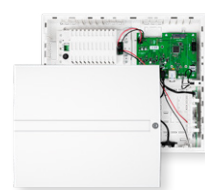
| Product code          | JA-100KR                                                                                                                     | 100 K | JA-103K | 100                                                                               |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------|-------|---------|-----------------------------------------------------------------------------------|
| Product name          | Control panel with LAN and radio module                                                                                      |       |         | Control panel with LAN communicator                                               |
| Dimensions            | 268 x 225 x 83 mm                                                                                                            |       |         | 268 x 225 x 83 mm                                                                 |
| Number of sections    | 4                                                                                                                            |       |         | 8                                                                                 |
| Number of users       | 32                                                                                                                           |       |         | 50                                                                                |
| Number of peripherals | 32                                                                                                                           |       |         | 50                                                                                |
| Number of PG outputs  | 4                                                                                                                            |       |         | 32                                                                                |
| Communicators         | Built-in LAN; GSM / GPRS can be purchased in the form of module JA-191Y, PSTN can be purchased in the form of module JA-190X |       |         | Built-in LAN; GPRS / GSM can be purchased as the JA-192Y or JA-194Y /-LITE module |
| Backup battery        | 1x SA214-2.6 - not included                                                                                                  |       |         | 1x SA214-2.6 - not included                                                       |

## CONTROL PANELS

JABLOTRON 100<sup>+</sup>



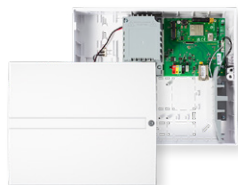
| Product code          | JA-103KR                                                                          | 100 | JA-103K-7Ah | 100                                                                               |
|-----------------------|-----------------------------------------------------------------------------------|-----|-------------|-----------------------------------------------------------------------------------|
| Product name          | Control panel with LAN and radio module                                           |     |             | Control panel with LAN                                                            |
| Dimensions            | 268 x 225 x 83 mm                                                                 |     |             | 357 x 297 x 105 mm                                                                |
| Number of sections    | 8                                                                                 |     |             | 8                                                                                 |
| Number of users       | 50                                                                                |     |             | 50                                                                                |
| Number of peripherals | 50                                                                                |     |             | 50                                                                                |
| Number of PG outputs  | 32                                                                                |     |             | 32                                                                                |
| Communicators         | Built-in LAN; GPRS / GSM can be purchased as the JA-192Y or JA-194Y /-LITE module |     |             | Built-in LAN; GPRS / GSM can be purchased as the JA-192Y or JA-194Y /-LITE module |
| Backup battery        | 1x SA214-2.6 - not included                                                       |     |             | 1x SA214-7 - not included                                                         |



| Product code          | JA-107K                                                                           | 100 | JA-107KR | 100                                                                               |
|-----------------------|-----------------------------------------------------------------------------------|-----|----------|-----------------------------------------------------------------------------------|
| Product name          | Control panel with LAN communicator                                               |     |          | Control panel with LAN and radio module                                           |
| Dimensions            | 357 x 297 x 105 mm                                                                |     |          | 357 x 297 x 105 mm                                                                |
| Number of sections    | 15                                                                                |     |          | 15                                                                                |
| Number of users       | 600                                                                               |     |          | 600                                                                               |
| Number of peripherals | 230                                                                               |     |          | 230                                                                               |
| Number of PG outputs  | 128                                                                               |     |          | 128                                                                               |
| Communicators         | Built-in LAN; GPRS / GSM can be purchased as the JA-192Y or JA-194Y /-LITE module |     |          | Built-in LAN; GPRS / GSM can be purchased as the JA-192Y or JA-194Y /-LITE module |
| Backup battery        | 1x SA214-18 - not included                                                        |     |          | 1x SA214-18 - not included                                                        |

## CONTROL PANELS

JABLOTRON  
Mercury



| Product code          | JA-102KY                                                  | M | JA-102KRY | M                                                         |
|-----------------------|-----------------------------------------------------------|---|-----------|-----------------------------------------------------------|
| Product name          | Control panel with LAN                                    |   |           | Control panel with LAN and radio module                   |
| Dimensions            | 268 x 225 x 83 mm                                         |   |           | 268 x 225 x 83 mm                                         |
| Number of sections    | 4                                                         |   |           | 4                                                         |
| Number of users       | 32                                                        |   |           | 32                                                        |
| Number of peripherals | 31                                                        |   |           | 31                                                        |
| Number of PG outputs  | 2                                                         |   |           | 2                                                         |
| Communicators         | Built-in LAN; built-in GSM/GPRS communicator JA-194Y-LITE |   |           | Built-in LAN; built-in GSM/GPRS communicator JA-194Y-LITE |
| Backup battery        | 1x SA214-2.6 - not included                               |   |           | 1x SA214-2.6 - not included                               |



| Product code          | JA-152KRY                               | M |
|-----------------------|-----------------------------------------|---|
| Product name          | Control panel with LAN and radio module |   |
| Dimensions            | 182 x 132 x 58 mm                       |   |
| Number of sections    | 4                                       |   |
| Number of users       | 32                                      |   |
| Number of peripherals | 31                                      |   |
| Number of PG outputs  | 2                                       |   |
| Communicators         | Built-in GPRS/GSM and radio module      |   |
| Backup battery        | 1x BAT-3V7-5000 - not included          |   |
| Note                  | With built-in acoustic signaling        |   |

## SYSTEM DEVICES

### Phone and GSM communicators



| Product code   | JA-190X                                                                                             | 100 | JA-191Y | 100                                                                                                                  |
|----------------|-----------------------------------------------------------------------------------------------------|-----|---------|----------------------------------------------------------------------------------------------------------------------|
| Product name   | Phone communicator module                                                                           |     |         | LTE communicator module                                                                                              |
| Operating band | -                                                                                                   |     |         | 2G (GSM, EDGE) 900/1800 MHz<br>3G 900/2100 MHz (B8, B1)<br>4G (LTE) 800/900/1800/2100/2600 MHz (B20, B8, B3, B1, B7) |
| Note           | 2 input and output terminals for a landline.<br>For control panels of the JA-100K and JA-100 series |     |         | For control panels of the JA-100K and JA-100 series                                                                  |



| Product code   | JA-192Y                                              | 100 | JA-194Y | 100                                                                                                                  | JA-194Y LITE                                                                                                         | 100 | M |
|----------------|------------------------------------------------------|-----|---------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----|---|
| Product name   | GSM communicator module                              |     |         | LTE communicator module                                                                                              | LTE communicator module                                                                                              |     |   |
| Operating band | QUAD-BAND, 800/900/1800/1900 MHz                     |     |         | 2G (GSM, EDGE) 900/1800 MHz<br>3G 900/2100 MHz (B8, B1)<br>4G (LTE) 800/900/1800/2100/2600 MHz (B20, B8, B3, B1, B7) | 2G (GSM, EDGE) 900/1800 MHz<br>3G 900/2100 MHz (B8, B1)<br>4G (LTE) 800/900/1800/2100/2600 MHz (B20, B8, B3, B1, B7) |     |   |
| Note           | For control panels of the JA-103K and JA-107K series |     |         | For control panels of the JA-103K and JA-107K series                                                                 | For control panels of the JA-102K, JA-103K and JA-107K series                                                        |     |   |

## SYSTEM DEVICES

### Interface



| Product code                   | JA-121T          | 100 |
|--------------------------------|------------------|-----|
| Product name                   | RS-485 interface |     |
| Product type                   | Bus              |     |
| Dimensions                     | 52 x 38 x 14 mm  |     |
| RS-485 output part             | 5 V              |     |
| Galvanic bus separation/RS-485 | 4 kV             |     |

## SYSTEM DEVICES

### Radio modules



| Product code | JA-111R <b>100</b> <b>M</b>                  | JA-111R 80 <b>100</b>                       |
|--------------|----------------------------------------------|---------------------------------------------|
| Product name | Interface for JABLOTRON 100 wireless devices | Interface for JABLOTRON 80 wireless devices |
| Product type | Bus                                          | Bus                                         |
| Dimensions   | 43 x 160 x 23 mm                             | 43 x 160 x 23 mm                            |
| Note         | Distributed without plastic cover PLV-JA111R | -                                           |

## SYSTEM DEVICES

### Signal repeater



| Product code   | JA-150R <b>100</b>                               |
|----------------|--------------------------------------------------|
| Product name   | One-way signal repeater for wireless peripherals |
| Product type   | Wireless                                         |
| Dimensions     | 182 x 134 x 45 mm                                |
| Power supply   | 110 - 230 V, 50 Hz - 60 Hz                       |
| Backup battery | 1x BAT-4V8-N900 - not included                   |

## CONTROL DEVICES

### Keypads and access modules



| Product code   | JA-116E /-GR /-AN <b>100</b> <b>M</b>     | JA-156E /-GR /-AN <b>100</b> <b>M</b>                       |
|----------------|-------------------------------------------|-------------------------------------------------------------|
| Product name   | Touch keypad with display and RFID reader | Touch keypad with display and RFID reader                   |
| Product type   | Bus                                       | Wireless                                                    |
| Dimensions     | 95 x 183 x 30 mm                          | 95 x 183 x 30 mm                                            |
| Power supply   | 12 V from the control panel bus           | External power supply from adapter +12 V DC (8-15 V) type A |
| RFID frequency | 125 kHz (LF)                              | 125 kHz (LF)                                                |
| Backup battery | -                                         | BAT-3V7-2500 - not included                                 |

## CONTROL DEVICES

### Keypads and access modules



| Product code   | JA-115E /-GR /-AN                   | 100 | M | JA-155E /-GR /-AN                   | 100 | M |
|----------------|-------------------------------------|-----|---|-------------------------------------|-----|---|
| Product name   | Keypad with display and RFID reader |     |   | Keypad with display and RFID reader |     |   |
| Product type   | Bus                                 |     |   | Wireless                            |     |   |
| Dimensions     | 110 x 136 x 33 mm                   |     |   | 110 x 136 x 33 mm                   |     |   |
| Power supply   | 12 V from the control panel bus     |     |   | 4x BAT-1V5-AA - not included        |     |   |
| RFID frequency | 125 kHz (LF)                        |     |   | 125 kHz (LF)                        |     |   |



| Product code   | JA-110E                             | 100 | JA-150E                             | 100 |
|----------------|-------------------------------------|-----|-------------------------------------|-----|
| Product name   | Keypad with display and RFID reader |     | Keypad with display and RFID reader |     |
| Product type   | Bus                                 |     | Wireless                            |     |
| Dimensions     | 120 x 130 x 30 mm                   |     | 120 x 130 x 30 mm                   |     |
| Power supply   | 12 V from the control panel bus     |     | 2x BAT-3V0-CR123A - not included    |     |
| RFID frequency | 125 kHz (LF)                        |     | 125 kHz (LF)                        |     |



| Product code   | JA-114E /-GR /-AN                   | 100 | JA-154E /-GR /-AN                   | 100 |
|----------------|-------------------------------------|-----|-------------------------------------|-----|
| Product name   | Keypad with display and RFID reader |     | Keypad with display and RFID reader |     |
| Product type   | Bus                                 |     | Wireless                            |     |
| Dimensions     | 102 x 130 x 33 mm                   |     | 102 x 145 x 33 mm                   |     |
| Power supply   | 12 V from the control panel bus     |     | 4x BAT-1V5-AA - not included        |     |
| RFID frequency | 125 kHz (LF)                        |     | 125 kHz (LF)                        |     |

## CONTROL DEVICES

### Keypads and access modules



| Product code   | JA-113E /-GR /-AN               | 100 | M | JA-153E /-GR /-AN            | 100 | M |
|----------------|---------------------------------|-----|---|------------------------------|-----|---|
| Product name   | Keypad with RFID reader         |     |   | Keypad with RFID reader      |     |   |
| Product type   | Bus                             |     |   | Wireless                     |     |   |
| Dimensions     | 102 x 96 x 33 mm                |     |   | 102 x 96 x 33 mm             |     |   |
| Power supply   | 12 V from the control panel bus |     |   | 2x BAT-1V5-AA - not included |     |   |
| RFID frequency | 125 kHz (LF)                    |     |   | 125 kHz (LF)                 |     |   |



| Product code   | JA-112E                         | 100 | JA-152E                        | 100 |
|----------------|---------------------------------|-----|--------------------------------|-----|
| Product name   | Access module with RFID reader  |     | Access module with RFID reader |     |
| Product type   | Bus                             |     | Wireless                       |     |
| Dimensions     | 102 x 76 x 33 mm                |     | 102 x 76 x 33 mm               |     |
| Power supply   | 12 V from the control panel bus |     | 2x BAT-1V5-AA - not included   |     |
| RFID frequency | 125 kHz (LF)                    |     | 125 kHz (LF)                   |     |



| Product code       | JA-192E /-GR /-AN | JA-120E-WH /-BK                    | 100 | JA-121E-WH /-BK                   | 100 |
|--------------------|-------------------|------------------------------------|-----|-----------------------------------|-----|
| Product name       | Control segment   | Access module with RFID/NFC reader |     | Touch keypad with RFID/NFC reader |     |
| Product type       | -                 | Bus                                |     | Bus                               |     |
| Dimensions         | 102 x 15 x 33 mm  | 67 x 96 x 13.5 mm                  |     | 67 x 96 x 19 mm                   |     |
| Power supply       | -                 | 12 V from the control panel bus    |     | 12 V from the control panel bus   |     |
| RFID/NFC frequency | -                 | 125 kHz (LF); 13.56 MHz (HF)       |     | 125 kHz (LF); 13.56 MHz (HF)      |     |

## CONTROL DEVICES

### Keypads and access modules



| Product code   | JA-122E 100                            | JA-123E 100                     |
|----------------|----------------------------------------|---------------------------------|
| Product name   | Outdoor access module with RFID reader | Outdoor keypad with RFID reader |
| Product type   | Bus                                    | Bus                             |
| Dimensions     | 46 x 152 x 23 mm                       | 46 x 152 x 23 mm                |
| Power supply   | 12 V from the control panel bus        | 12 V from the control panel bus |
| RFID frequency | 125 kHz (LF)                           | 125 kHz (LF)                    |



| Product code  | JA-122E-NFC 100                       | JA-123E-NFC 100                 |
|---------------|---------------------------------------|---------------------------------|
| Product name  | Outdoor access module with NFC reader | Outdoor keypad with NFC reader  |
| Product type  | Bus                                   | Bus                             |
| Dimensions    | 46 x 152 x 23 mm                      | 46 x 152 x 23 mm                |
| Power supply  | 12 V from the control panel bus       | 12 V from the control panel bus |
| NFC frequency | 13.56 MHz (HF)                        | 13.56 MHz (HF)                  |

## CONTROL DEVICES

### Emergency devices



| Product code | JA-112J 100                     | JA-188J 100         |
|--------------|---------------------------------|---------------------|
| Product name | Emergency/control wall button   | Wall panic button   |
| Product type | Bus                             | Wireless            |
| Dimensions   | 80 x 80 x 29 mm                 | 80 x 80 x 29 mm     |
| Power supply | 12 V from the control panel bus | 1x BAT-3V6-1/2AA-LS |

## CONTROL DEVICES

### Emergency devices



| Product code | JA-187J               | 100 | JA-156J | 100                          |
|--------------|-----------------------|-----|---------|------------------------------|
| Product name | Portable panic button |     |         | Multifunctional panic button |
| Product type | Wireless              |     |         | Wireless                     |
| Dimensions   | 42 x 46 x 15 mm       |     |         | 66 x 122 x 22 mm             |
| Power supply | 1x BAT-3V0-CR2032     |     |         | 2x BAT-1V5-AAA               |



| Product code | JA-157J                       | 100 | JA-158J | 100              | M |
|--------------|-------------------------------|-----|---------|------------------|---|
| Product name | Wrist & necklace panic button |     |         | Wall button      |   |
| Product type | Wireless                      |     |         | Wireless         |   |
| Dimensions   | 41 x 41 x 33 mm               |     |         | 80 x 80 x 20 mm  |   |
| Power supply | 1x BAT-3V-CR2032              |     |         | 2x BAT-3V-CR2032 |   |

## CONTROL DEVICES

### Controllers



| Product code | JA-152J MS II                              | 100 | M | JA-154J MS II                              | 100 | M |
|--------------|--------------------------------------------|-----|---|--------------------------------------------|-----|---|
| Product name | Bi-directional two-button keyfob           |     |   | Bi-directional four-button keyfob          |     |   |
| Product type | Wireless                                   |     |   | Wireless                                   |     |   |
| Dimensions   | 36 x 63 x 15 mm                            |     |   | 36 x 77 x 15 mm                            |     |   |
| Power supply | 1x BAT-3V0-CR2032                          |     |   | 1x BAT-3V0-CR2032                          |     |   |
| Note         | Can be enrolled to AC-160-C and AC-160-DIN |     |   | Can be enrolled to AC-160-C and AC-160-DIN |     |   |

## CONTROL DEVICES

### Controllers



| Product code | JA-182J                           | 100 | JA-159J | 100               | M |
|--------------|-----------------------------------|-----|---------|-------------------|---|
| Product name | One-way two-button remote control |     |         | Doorbell button   |   |
| Product type | Wireless                          |     |         | Wireless          |   |
| Dimensions   | 30 x 60 x 13 mm                   |     |         | 77 x 47 x 28 mm   |   |
| Power supply | 1x BAT-3V0-CR2032                 |     |         | 2x BAT-3V0-CR2032 |   |

## CONTROL DEVICES

### Identification devices



| Product code       | JA-190J          | 100 | M | JA-193J                      | 100 | M | JA-192J            | 100 | M |
|--------------------|------------------|-----|---|------------------------------|-----|---|--------------------|-----|---|
| Product name       | RFID access card |     |   | Dual access card             |     |   | RFID entry key tag |     |   |
| RFID/NFC frequency | 125 kHz (LF)     |     |   | 125 kHz (LF); 13.56 MHz (HF) |     |   | 125 kHz (LF)       |     |   |



| Product code       | JA-196J                      | 100 | M | JA-194J-RE / -BK           | 100 | M |
|--------------------|------------------------------|-----|---|----------------------------|-----|---|
| Product name       | Dual entry key tag           |     |   | RFID leather entry key tag |     |   |
| RFID/NFC frequency | 125 kHz (LF); 13.56 MHz (HF) |     |   | 125 kHz (LF)               |     |   |



| Product code   | JA-195J            | 100 | M | PC-02B             | 100 | M |
|----------------|--------------------|-----|---|--------------------|-----|---|
| Product name   | RFID entry key tag |     |   | RFID entry key tag |     |   |
| RFID frequency | 125 kHz (LF)       |     |   | 125 kHz (LF)       |     |   |

## DETECTORS

### Movement



| Product code            | JA-112P /-GR /-AN               | 100 | M | JA-152P /-GR /-AN                | 100 | M |
|-------------------------|---------------------------------|-----|---|----------------------------------|-----|---|
| Product name            | PIR motion detector             |     |   | PIR motion detector              |     |   |
| Product type            | Bus                             |     |   | Wireless                         |     |   |
| Dimensions              | 62 x 110 x 40 mm                |     |   | 62 x 110 x 40 mm                 |     |   |
| Power supply            | 12 V from the control panel bus |     |   | 1x BAT-3V0-CR123A - not included |     |   |
| Mounting height         | 2.5 m                           |     |   | 2.5 m                            |     |   |
| Detection angle / range | 90° / 12 m                      |     |   | 90° / 12 m                       |     |   |



| Product code            | JA-110P                         | 100 | M | JA-150P                      | 100 | M |
|-------------------------|---------------------------------|-----|---|------------------------------|-----|---|
| Product name            | PIR motion detector             |     |   | PIR motion detector          |     |   |
| Product type            | Bus                             |     |   | Wireless                     |     |   |
| Dimensions              | 60 x 95 x 55 mm                 |     |   | 60 x 95 x 55 mm              |     |   |
| Power supply            | 12 V from the control panel bus |     |   | 2x BAT-1V5-AA - not included |     |   |
| Mounting height         | 2.5 m                           |     |   | 2.5 m                        |     |   |
| Detection angle / range | 110° / 12 m                     |     |   | 110° / 12 m                  |     |   |



| Product code            | JA-110P PET                                                    | 100 | M | JA-150P PET                                                    | 100 | M |
|-------------------------|----------------------------------------------------------------|-----|---|----------------------------------------------------------------|-----|---|
| Product name            | PIR motion detector with basic pet immunity                    |     |   | PIR motion detector with basic pet immunity                    |     |   |
| Product type            | Bus                                                            |     |   | Wireless                                                       |     |   |
| Dimensions              | 60 x 95 x 55 mm                                                |     |   | 60 x 95 x 55 mm                                                |     |   |
| Power supply            | 12 V from the control panel bus                                |     |   | 2x BAT-1V5-AA - not included                                   |     |   |
| Mounting height         | 2 m                                                            |     |   | 2 m                                                            |     |   |
| Detection angle / range | 90° / 12 m   90° / 7 m (PET immunity)                          |     |   | 90° / 12 m   90° / 7 m (PET immunity)                          |     |   |
| Note                    | PET immunity up to approx. 25 kg and a maximum height of 40 cm |     |   | PET immunity up to approx. 25 kg and a maximum height of 40 cm |     |   |

## DETECTORS

### Movement



| Product code            | JA-115P                          | 100 | M | JA-155P                               | 100 | M |
|-------------------------|----------------------------------|-----|---|---------------------------------------|-----|---|
| Product name            | Ceiling PIR motion detector      |     |   | Ceiling PIR motion detector           |     |   |
| Product type            | Bus                              |     |   | Wireless                              |     |   |
| Dimensions              | ø 125 x 40 mm                    |     |   | ø 125 x 40 mm                         |     |   |
| Power supply            | 12 V from the control panel bus  |     |   | 1x (2x) BAT-3V0-CR123A - not included |     |   |
| Mounting height         | 2.5 - 3.5 m                      |     |   | 2.5 - 3.5 m                           |     |   |
| Detection angle / range | 360° / 11 m (in height of 3.5 m) |     |   | 360° / 11 m (in height of 3.5 m)      |     |   |



| Product code            | JA-169P                              | 100 | JA-157P                                        | 100 | JA-186P                             | 100 |
|-------------------------|--------------------------------------|-----|------------------------------------------------|-----|-------------------------------------|-----|
| Product name            | Outdoor two-zone PIR motion detector |     | Outdoor two-zone PIR motion detector - curtain |     | Indoor two-zone PIR motion detector |     |
| Product type            | Wireless                             |     | Wireless                                       |     | Wireless                            |     |
| Dimensions              | 189 x 81 x 98 mm                     |     | 176 x 52 x 66 mm                               |     | 180 x 60 x 55 mm                    |     |
| Power supply            | 2x BAT-3V0-CR123A - not included     |     | 1x (2x) BAT-3V0-CR123A - not included          |     | 1x BAT-3V6-AA-LS - not included     |     |
| Mounting height         | 1 - 1.2 m                            |     | 0.8 - 1.2 m                                    |     | 1.2 m                               |     |
| Detection angle / range | 85° / 15 m                           |     | 5° / 2 or 5 m                                  |     | 120° / 12 m                         |     |



| Product code            | JA-159P                          | 100 | JA-158P                          | 100 |
|-------------------------|----------------------------------|-----|----------------------------------|-----|
| Product name            | Outdoor PIR motion detector      |     | PIR motion detector              |     |
| Product type            | Wireless                         |     | Wireless                         |     |
| Dimensions              | 71 x 186 x 105 mm                |     | 99 x 205 x 266 mm                |     |
| Power supply            | 2x BAT-3V0-CR123A - not included |     | 2x BAT-3V0-CR123A - not included |     |
| Mounting height         | 0.8 - 1.2 m                      |     | 2.5 - 3.0 m                      |     |
| Detection angle / range | 90° / 12 m                       |     | 85° / 12 m                       |     |

## DETECTORS

### Movement



| Product code                   | JA-150IR                      | 100 | JA-151IR                      | 100 |
|--------------------------------|-------------------------------|-----|-------------------------------|-----|
| Product name                   | Optical barrier - two beams   |     | Optical barrier - four beams  |     |
| Product type                   | Wireless                      |     | Wireless                      |     |
| Dimensions                     | 88 x 217 x 162 mm             |     | 83 x 452 x 138 mm             |     |
| Power supply                   | 4x BAT-3V6-R20 - not included |     | 4x BAT-3V6-R20 - not included |     |
| Battery service life           | Approx. 3 years               |     | Approx. 3 years               |     |
| Distance between barrier units | Max. 60 m                     |     | Max. 100 m                    |     |

## DETECTORS

### Combined and dual



| Product code                | JA-122PW /-GR /-AN              | 100 | M | JA-162PW /-GR /-AN               | 100 | M |
|-----------------------------|---------------------------------|-----|---|----------------------------------|-----|---|
| Product name                | PIR and MW motion detector      |     |   | PIR and MW motion detector       |     |   |
| Product type                | Bus                             |     |   | Wireless                         |     |   |
| Dimensions                  | 63 x 150 x 40 mm                |     |   | 63 x 150 x 40 mm                 |     |   |
| Power supply                | 12 V from the control panel bus |     |   | 2x BAT-3V0-CR123A - not included |     |   |
| Mounting height             | 2.5 m                           |     |   | 2.5 m                            |     |   |
| PIR detection angle / range | 90° / 12 m                      |     |   | 90° / 12 m                       |     |   |
| MW detection angle / range  | 80° / 12 m                      |     |   | 80° / 12 m                       |     |   |



| Product code                | JA-122PB /-GR /-AN                  | 100 | M | JA-162PB /-GR /-AN                  | 100 | M |
|-----------------------------|-------------------------------------|-----|---|-------------------------------------|-----|---|
| Product name                | PIR motion and glass break detector |     |   | PIR motion and glass break detector |     |   |
| Product type                | Bus                                 |     |   | Wireless                            |     |   |
| Dimensions                  | 63 x 150 x 40 mm                    |     |   | 63 x 150 x 40 mm                    |     |   |
| Power supply                | 12 V from the control panel bus     |     |   | 2x BAT-3V0-CR123A - not included    |     |   |
| Mounting height             | 2.5 m                               |     |   | 2.5 m                               |     |   |
| PIR detection angle / range | 90° / 12 m                          |     |   | 90° / 12 m                          |     |   |
| GBS detection angle / range | 90° / 9 m                           |     |   | 90° / 9 m                           |     |   |

## DETECTORS

Combined  
and dual



| Product code                | JA-120PW                        | 100 | M | JA-180W                         | 100 | M |
|-----------------------------|---------------------------------|-----|---|---------------------------------|-----|---|
| Product name                | PIR and MW motion detector      |     |   | PIR and MW motion detector      |     |   |
| Product type                | Bus                             |     |   | Wireless                        |     |   |
| Dimensions                  | 60 x 110 x 55 mm                |     |   | 60 x 110 x 51 mm                |     |   |
| Power supply                | 12 V from the control panel bus |     |   | 1x BAT-3V6-AA-LS - not included |     |   |
| Mounting height             | 2.5 m                           |     |   | 2.5 m                           |     |   |
| PIR detection angle / range | 110° / 12 m                     |     |   | 110° / 12 m                     |     |   |
| MW detection angle / range  | 90° / 15 m                      |     |   | 90° / 15 m                      |     |   |



| Product code                | JA-120PB                            | 100 | M | JA-180PB                                                         | 100 | M |
|-----------------------------|-------------------------------------|-----|---|------------------------------------------------------------------|-----|---|
| Product name                | PIR motion and glass break detector |     |   | PIR motion and glass break detector                              |     |   |
| Product type                | Bus                                 |     |   | Wireless                                                         |     |   |
| Dimensions                  | 60 x 95 x 55 mm                     |     |   | 60 x 110 x 55 mm                                                 |     |   |
| Power supply                | 12 V from the control panel bus     |     |   | PIR: 1x BAT-3V6-AA-LS<br>GBS: 1x BAT-3V6-1/2AA-LS - not included |     |   |
| Mounting height             | 2.5 m                               |     |   | 2.5 m                                                            |     |   |
| PIR detection angle / range | 110° / 12 m                         |     |   | 120° / 12 m                                                      |     |   |
| GBS detection angle / range | 90° / 9 m                           |     |   | 90° / 9 m                                                        |     |   |

## DETECTORS

### Photo-verification



| Product code                | JA-122PC /-GR /-AN                    | 100 | M | JA-162PC /-GR /-AN                    | 100 | M |
|-----------------------------|---------------------------------------|-----|---|---------------------------------------|-----|---|
| Product name                | PIR motion detector with a 90° camera |     |   | PIR motion detector with a 90° camera |     |   |
| Product type                | Bus                                   |     |   | Wireless                              |     |   |
| Dimensions                  | 65 x 150 x 44 mm                      |     |   | 65 x 150 x 44 mm                      |     |   |
| Power supply                | 12 V from the control panel bus       |     |   | 2x BAT-3V0-CR123A - not included      |     |   |
| Mounting height             | 2.5 m                                 |     |   | 2.5 m                                 |     |   |
| PIR detection angle / range | 90° / 12 m                            |     |   | 90° / 12 m                            |     |   |



| Product code                | JA-120PC (90)                         | 100 | M | JA-160PC (90)                         | 100 | M |
|-----------------------------|---------------------------------------|-----|---|---------------------------------------|-----|---|
| Product name                | PIR motion detector with a 90° camera |     |   | PIR motion detector with a 90° camera |     |   |
| Product type                | Bus                                   |     |   | Wireless                              |     |   |
| Dimensions                  | 60 x 110 x 55 mm                      |     |   | 60 x 110 x 55 mm                      |     |   |
| Power supply                | 12 V from the control panel bus       |     |   | 2x BAT-1V5-AA - not included          |     |   |
| Mounting height             | 2.5 m                                 |     |   | 2.5 m                                 |     |   |
| PIR detection angle / range | 90° / 12 m                            |     |   | 90° / 12 m                            |     |   |



| Product code                | JA-120PC                              | 100 | M | JA-160PC                              | 100 | M |
|-----------------------------|---------------------------------------|-----|---|---------------------------------------|-----|---|
| Product name                | PIR motion detector with a 43° camera |     |   | PIR motion detector with a 43° camera |     |   |
| Product type                | Bus                                   |     |   | Wireless                              |     |   |
| Dimensions                  | 60 x 110 x 55 mm                      |     |   | 60 x 110 x 55 mm                      |     |   |
| Power supply                | 12 V from the control panel bus       |     |   | 2x BAT-1V5-AA - not included          |     |   |
| Mounting height             | 2.5 m                                 |     |   | 2.5 m                                 |     |   |
| PIR detection angle / range | 55° / 12 m                            |     |   | 55° / 12 m                            |     |   |

## DETECTORS

### Perimeter protection



| Product code | JA-111M<br>/-GR /-AN /B         | 100 | JA-151M<br>/-GR /-AN /B          | 100 | M | JA-113M<br>/-GR /-AN                                           | 100 |
|--------------|---------------------------------|-----|----------------------------------|-----|---|----------------------------------------------------------------|-----|
| Product name | Magnetic detector - mini        |     | Magnetic detector - mini         |     |   | Magnetic detector with recognition of external magnetic fields |     |
| Product type | Bus                             |     | Wireless                         |     |   | Bus                                                            |     |
| Dimensions   | 26 x 55 x 16 mm                 |     | 26 x 55 x 16 mm                  |     |   | 20 x 86 x 20 mm                                                |     |
| Power supply | 12 V from the control panel bus |     | 1x BAT-3V0-CR2032 - not included |     |   | 12 V from the control panel bus                                |     |



| Product code                        | JA-153M<br>/-GR /-AN                                           | 100 | JA-150M<br>/-GR /-AN /B                     | 100 | M | JA-112M                                  | 100 | M |
|-------------------------------------|----------------------------------------------------------------|-----|---------------------------------------------|-----|---|------------------------------------------|-----|---|
| Product name                        | Magnetic detector with recognition of external magnetic fields |     | Magnetic detector with two universal inputs |     |   | Module for magnetic detectors - 2 inputs |     |   |
| Product type                        | Wireless                                                       |     | Wireless                                    |     |   | Bus                                      |     |   |
| Dimensions                          | 20 x 86 x 20 mm                                                |     | 24 x 109 x 24 mm                            |     |   | 44 x 110 x 26 mm                         |     |   |
| Power supply                        | 1x BAT-1V5-AAA - not included                                  |     | 1x BAT-1V5-AA - not included                |     |   | 12 V from the control panel bus          |     |   |
| Max. length of the connection cable | -                                                              |     | 3 m                                         |     |   | 100 m                                    |     |   |



| Product code         | JA-152M                          | 100 | JA-182M                          | 100 |
|----------------------|----------------------------------|-----|----------------------------------|-----|
| Product name         | Hidden magnetic detector         |     | Hidden magnetic detector         |     |
| Product type         | Wireless                         |     | Wireless                         |     |
| Dimensions           | 24 x 191 x 7 mm                  |     | 25 x 192 x 9 mm                  |     |
| Power supply         | 2x BAT-3V0-CR2032 - not included |     | 2x BAT-3V0-CR2354 - not included |     |
| Battery service life | Approx. 2 years                  |     | Approx. 3 years                  |     |

## DETECTORS

### Perimeter protection



| Product code | JA-111SH                        | 100 | JA-182SH                         | 100 | JA-152SHM                                      | 100 |
|--------------|---------------------------------|-----|----------------------------------|-----|------------------------------------------------|-----|
| Product name | Shock or tilt detector          |     | Shock or tilt detector           |     | Shock or tilt detector with a magnetic contact |     |
| Product type | Bus                             |     | Wireless                         |     | Wireless                                       |     |
| Dimensions   | 27 x 55 x 16 mm                 |     | 31 x 75 x 26 mm                  |     | 24 x 109 x 24 mm                               |     |
| Power supply | 12 V from the control panel bus |     | 1x BAT-3V0-CR123A - not included |     | 1x BAT-1V5-AA - not included                   |     |

## DETECTORS

### Environmental



| Product code          | JA-111TH                        | 100 | M | JA-151TH                         | 100 | M |
|-----------------------|---------------------------------|-----|---|----------------------------------|-----|---|
| Product name          | Temperature detector            |     |   | Temperature detector             |     |   |
| Product type          | Bus                             |     |   | Wireless                         |     |   |
| Dimensions            | 27 x 55 x 16 mm                 |     |   | 27 x 55 x 16 mm                  |     |   |
| Power supply          | 12 V from the control panel bus |     |   | 1x BAT-3V0-CR2032 - not included |     |   |
| Battery service life  | -                               |     |   | Approx. 2 years                  |     |   |
| Operating temperature | -20 °C to +70 °C                |     |   | -20 °C to +70 °C                 |     |   |



| Product code          | JB-EXT-TH-B                                      | 100 | JB-EXT-TH-R                                          | 100 |
|-----------------------|--------------------------------------------------|-----|------------------------------------------------------|-----|
| Product name          | Outdoor thermometer                              |     | Outdoor thermometer                                  |     |
| Product type          | Bus                                              |     | Wireless                                             |     |
| Dimensions            | 90 x 110 x 35 mm                                 |     | 90 x 110 x 35 mm                                     |     |
| Power supply          | 12 V from the control panel bus                  |     | 1x (2x) BAT-3V0-CR123A - not included                |     |
| Battery service life  | -                                                |     | Internal use 5 (10) years / external use 2 (4) years |     |
| Operating temperature | -40 °C to +70 °C                                 |     | -40 °C to +70 °C                                     |     |
| Note                  | Temperature sensor JB-TS-PT1000 can be purchased |     | Temperature sensor JB-TS-PT1000 can be purchased     |     |

## DETECTORS

### Environmental



| Product code                              | JA-110ST                                               | 100 | M | JA-150ST                                               | 100 | JA-111ST-A | 100                                                                                    | M |
|-------------------------------------------|--------------------------------------------------------|-----|---|--------------------------------------------------------|-----|------------|----------------------------------------------------------------------------------------|---|
| Product name                              | Combined smoke and heat detector                       |     |   | Combined smoke and heat detector                       |     |            | Combined smoke and heat detector with built-in siren                                   |   |
| Product type                              | Bus                                                    |     |   | Wireless                                               |     |            | Bus                                                                                    |   |
| Dimensions                                | ø 126 x 50 mm                                          |     |   | ø 126 x 50 mm                                          |     |            | ø 126 x 50 mm                                                                          |   |
| Power supply                              | 12 V from the control panel bus                        |     |   | 3x BAT-1V5-AA - not included                           |     |            | 12 V from the control panel bus<br>3x BAT-1V5-AA - not included                        |   |
| Smoke detector sensitivity                | m = 0.11 ÷ 0.13 dB / m                                 |     |   | m = 0.11 ÷ 0.13 dB / m                                 |     |            | m = 0.11 ÷ 0.13 dB / m                                                                 |   |
| Temperature detection                     | Class A2 in accordance with EN 54-5                    |     |   | Class A2 in accordance with EN 54-5                    |     |            | Class A1 in accordance with EN 54-5                                                    |   |
| Operating temperature   Alarm temperature | -10 °C to +70 °C   +60 °C to +70 °C                    |     |   | -10 °C to +70 °C   +60 °C to +70 °C                    |     |            | -10 °C to +70 °C   +60 °C to +65 °C                                                    |   |
| Note                                      | Accessory - PLV-P-ST universal circular ceiling spacer |     |   | Accessory - PLV-P-ST universal circular ceiling spacer |     |            | Contains a siren (EN 14604).<br>Accessory - PLV-P-ST universal circular ceiling spacer |   |



| Product code                              | JA-151ST                                                                            | 100 | M | JA-151ST-A                                                                          | 100 | M |
|-------------------------------------------|-------------------------------------------------------------------------------------|-----|---|-------------------------------------------------------------------------------------|-----|---|
| Product name                              | Combined smoke and heat detector with built-in siren                                |     |   | Combined smoke and heat detector with built-in siren                                |     |   |
| Product type                              | Wireless                                                                            |     |   | Wireless                                                                            |     |   |
| Dimensions                                | ø 126 x 50 mm                                                                       |     |   | ø 126 x 50 mm                                                                       |     |   |
| Power supply                              | 3x BAT-1V5-AA - not included                                                        |     |   | 3x BAT-1V5-AA - not included                                                        |     |   |
| Smoke detector sensitivity                | m = 0.11 ÷ 0.13 dB / m                                                              |     |   | m = 0.11 ÷ 0.13 dB / m                                                              |     |   |
| Temperature detection                     | Class A1 in accordance with EN 54-5                                                 |     |   | Class A1 in accordance with EN 54-5                                                 |     |   |
| Operating temperature   Alarm temperature | -10 °C to +70 °C   +60 °C to +65 °C                                                 |     |   | -10 °C to +70 °C   +60 °C to +65 °C                                                 |     |   |
| Note                                      | Contains a siren (EN 14604). Accessory - PLV-P-ST universal circular ceiling spacer |     |   | Contains a siren (EN 14604). Accessory - PLV-P-ST universal circular ceiling spacer |     |   |



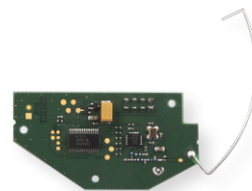
| Product code      | JA-110F                         | 100 |
|-------------------|---------------------------------|-----|
| Product name      | Flood detector                  |     |
| Product type      | Bus                             |     |
| Dimensions        | 53 x 20 x 10 mm                 |     |
| Power supply      | 12 V from the control panel bus |     |
| Max. cable length | 2.5 m                           |     |

## DETECTORS

### Environmental



| Product code               | GS-133                                                    | 100 | EI208W / EI208DW                                                           | 100 |
|----------------------------|-----------------------------------------------------------|-----|----------------------------------------------------------------------------|-----|
| Product name               | Detector of flammable gases                               |     | CO gas detector /with screen                                               |     |
| Product type               | Autonomous                                                |     | Autonomous                                                                 |     |
| Dimensions                 | 110 x 164 x 53 mm                                         |     | 120 x 105 x 40 mm                                                          |     |
| Power supply               | 12 V DC                                                   |     | Integrated non-replaceable lithium battery                                 |     |
| Relay output               | 24 V / 2 A<br>(optional reaction at the 1st or 2nd level) |     | -                                                                          |     |
| Acoustic indication        | 94 dB                                                     |     | 85 dB                                                                      |     |
| Service life of the device | Min. 5 years                                              |     | Max. 10 years                                                              |     |
| Note                       | Can be connected to the bus using the JA-111H TRB module  |     | Optical indication via a signal lamp, for type EI208DW, also on the screen |     |



| Product code | JA-110G-CO                                | 100 | JA-150G-CO                                | 100 |
|--------------|-------------------------------------------|-----|-------------------------------------------|-----|
| Product name | Module for connection of CO gas detectors |     | Module for connection of CO gas detectors |     |
| Product type | Bus                                       |     | Wireless                                  |     |
| Dimensions   | 48 x 19 x 14 mm                           |     | 109 x 24 x 22 mm                          |     |
| Power supply | 12 V from the control panel bus           |     | From the EI208(D)W battery                |     |

## IP CAMERAS

### Video-verification



| Product code                | JI-114C                                                              | 100 | M | JI-114C-A                                                            | 100 | M |
|-----------------------------|----------------------------------------------------------------------|-----|---|----------------------------------------------------------------------|-----|---|
| Product name                | Network camera outdoor 5MPx - bullet                                 |     |   | Network camera outdoor 5MPx - bullet audio                           |     |   |
| Dimensions                  | 151 × 71 × 71 mm                                                     |     |   | 153 × 71 × 71 mm                                                     |     |   |
| Power supply                | 12 V DC, or from POE data connection (as per standard 802.3 af) 48 V |     |   | 12 V DC, or from POE data connection (as per standard 802.3 af) 48 V |     |   |
| IR auxiliary lighting range | Max. 30 m                                                            |     |   | Max. 25 m                                                            |     |   |
| Detection angle             | 91°                                                                  |     |   | 88°                                                                  |     |   |
| Resolution                  | 5 MPx (2880 × 1620 px)                                               |     |   | 5 MPx (2880 × 1620 px)                                               |     |   |



| Product code                | JI-113C                                                              | 100 | M | JI-120T                       | 100 | M |
|-----------------------------|----------------------------------------------------------------------|-----|---|-------------------------------|-----|---|
| Product name                | Network camera outdoor 5MPx - turret                                 |     |   | IP converter for RTSP cameras |     |   |
| Dimensions                  | 100 × 100 × 90 mm                                                    |     |   | 115 × 64 × 25 mm              |     |   |
| Power supply                | 12 V DC, or from POE data connection (as per standard 802.3 af) 48 V |     |   | 5 V DC                        |     |   |
| IR auxiliary lighting range | Max. 30 m                                                            |     |   | -                             |     |   |
| Detection angle             | 91°                                                                  |     |   | -                             |     |   |
| Resolution                  | 5 MPx (2880 × 1620 px)                                               |     |   | -                             |     |   |



| Product code       | JI-114Z                                     | 100 | M |
|--------------------|---------------------------------------------|-----|---|
| Product name       | PoE Switch - 4 ports                        |     |   |
| Dimensions         | 132 × 94 × 28 mm                            |     |   |
| Power supply       | 51 V DC, 1.25 A                             |     |   |
| Network protocol   | IEEE802.3, 802.3u, 802.3x, 802.3af, 802.3at |     |   |
| Switching capacity | 1 Gbps                                      |     |   |
| PoE power budget   | 58 W                                        |     |   |

## SIRENS

### Indoor



| Product code   | JA-110A                         | 100 | M | JA-110A II                      | 100 | M | JA-150A II                               | 100 | M |
|----------------|---------------------------------|-----|---|---------------------------------|-----|---|------------------------------------------|-----|---|
| Product name   | Internal siren                  |     |   | Internal siren                  |     |   | Internal siren                           |     |   |
| Product type   | Bus                             |     |   | Bus                             |     |   | Wireless                                 |     |   |
| Dimensions     | 80 x 80 x 28 mm                 |     |   | 80 x 80 x 35 mm                 |     |   | 80 x 80 x 35 mm                          |     |   |
| Power supply   | 12 V from the control panel bus |     |   | 12 V from the control panel bus |     |   | 110 - 230 V / 0.6 W, protection class II |     |   |
| Backup battery | -                               |     |   | 1x BAT-3V2-CR2 - not included   |     |   | 1x BAT-3V2-CR2 - not included            |     |   |
| Siren          | Piezoelectric, 85 dB/1 m        |     |   | Piezoelectric, 100 dB/1 m       |     |   | Piezoelectric, 100 dB/1 m                |     |   |
| Note           | -                               |     |   | -                               |     |   | 4 optional melodies                      |     |   |



| Product code   | JA-152A                                  | 100 | M | JA-154A                  | 100 | M |
|----------------|------------------------------------------|-----|---|--------------------------|-----|---|
| Product name   | Internal siren                           |     |   | Internal siren           |     |   |
| Product type   | Wireless                                 |     |   | Wireless                 |     |   |
| Dimensions     | 90 x 70 x 45 mm                          |     |   | 100 x 67 x 40 mm         |     |   |
| Power supply   | 110 - 230 V / 0.6 W, protection class II |     |   | 3x BAT-1V5-AA            |     |   |
| Backup battery | 1x BAT-3V2-CR2 - included                |     |   | -                        |     |   |
| Siren          | Piezoelectric, 100 dB/1 m                |     |   | Piezoelectric, 85 dB/1 m |     |   |
| Note           | 8 optional melodies                      |     |   | 4 optional melodies      |     |   |

## SIRENS

### Outdoor



| Product code         | JA-111A-BASE-RB             | 100 | M | JA-163A-BASE-RB                 | 100 | M |
|----------------------|-----------------------------|-----|---|---------------------------------|-----|---|
| Product name         | External siren              |     |   | External siren                  |     |   |
| Product type         | Bus                         |     |   | Wireless                        |     |   |
| Dimensions           | 200 x 300 x 70 mm           |     |   | 200 x 300 x 70 mm               |     |   |
| Power supply         | 12 V from the control panel |     |   | 1x (2x) BAT-100A - not included |     |   |
| Backup battery       | 1x BAT-4V8 - not included   |     |   | -                               |     |   |
| Battery service life | Approx. 3 years             |     |   | Approx. 5 years                 |     |   |
| Siren                | Piezoelectric, 110 dB/1 m   |     |   | Piezoelectric, 100 dB/1 m       |     |   |
| Note                 | Base without cover          |     |   | Base without cover              |     |   |

## SIRENS

### Outdoor



| Product code         | JA-115A                         | 100 | M | JA-165A                         | 100 | M |
|----------------------|---------------------------------|-----|---|---------------------------------|-----|---|
| Product name         | External siren                  |     |   | External siren                  |     |   |
| Product type         | Bus                             |     |   | Wireless                        |     |   |
| Dimensions           | 200 x 300 x 70 mm               |     |   | 200 x 300 x 70 mm               |     |   |
| Power supply         | 12 V from the control panel bus |     |   | 1x (2x) BAT-100A - not included |     |   |
| Backup battery       | 1x BAT-4V8 - included           |     |   | -                               |     |   |
| Battery service life | Approx. 3 years                 |     |   | Approx. 5 years                 |     |   |
| Siren                | Piezoelectric, 110 dB/1 m       |     |   | Piezoelectric, 100 dB/1 m       |     |   |

## MODULES

### Output



| Product code                          | JB-110N                         | 100 | M | JA-150N                | 100 | M | JA-110N-DIN                     | 100 |
|---------------------------------------|---------------------------------|-----|---|------------------------|-----|---|---------------------------------|-----|
| Product name                          | PG power output module          |     |   | PG power output module |     |   | PG-DIN power output module      |     |
| Product type                          | Bus                             |     |   | Wireless               |     |   | Bus                             |     |
| Dimensions                            | 78 x 40 x 20 mm                 |     |   | 82 x 50 x 19 mm        |     |   | 18 x 90 x 64 mm                 |     |
| Power supply                          | 12 V from the control panel bus |     |   | 230 V / 50 Hz, 1.5 W   |     |   | 12 V from the control panel bus |     |
| Maximum switched voltage              | 250 V AC                        |     |   | 250 V AC               |     |   | 250 V AC / 24 V DC              |     |
| Resistive load ( $\cos \varphi = 1$ ) | 16 A                            |     |   | 16 A                   |     |   | 16 A                            |     |
| Minimum switched DC power             | 0.5 W                           |     |   | 0.5 W                  |     |   | 0.5 W                           |     |



| Product code             | JB-118N                         | 100 | JB-111N | 100                             | M | JA-151N | 100                     | M |
|--------------------------|---------------------------------|-----|---------|---------------------------------|---|---------|-------------------------|---|
| Product name             | PG signal output module         |     |         | PG signal output module         |   |         | PG signal output module |   |
| Product type             | Bus                             |     |         | Bus                             |   |         | Wireless                |   |
| Dimensions               | 77 x 40 x 15 mm                 |     |         | 78 x 40 x 15 mm                 |   |         | 82 x 50 x 19 mm         |   |
| Power supply             | 12 V from the control panel bus |     |         | 12 V from the control panel bus |   |         | 12 V DC                 |   |
| Maximum switched voltage | 38 V (with each output)         |     |         | 50 V AC / 24 V DC               |   |         | 50 V AC / 60 V DC       |   |
| Maximum switched current | 100 mA (with each output)       |     |         | 2 A                             |   |         | 2 A                     |   |
| Minimum switched current | -                               |     |         | 10 mA                           |   |         | 10 mA                   |   |

## MODULES

### Output



| Product code       | JA-120N                                                             | 100 | JB-150N-HEAD                 | 100 |
|--------------------|---------------------------------------------------------------------|-----|------------------------------|-----|
| Product name       | Module for control of an electric lock                              |     | Thermostatic head            |     |
| Product type       | Bus                                                                 |     | Wireless                     |     |
| Dimensions         | 90 x 90 x 35 mm                                                     |     | 85 x 49 mm                   |     |
| Power supply       | 12 V from the control panel bus<br>3x BAT-1V2-NIMH.1 - not included |     | 3x BAT-1V5-AA - not included |     |
| DOOR output device | Pulse (1 s) 600 mA   permanent 300 mA                               |     | -                            |     |



| Product code               | JB-160N-PLUG             | 100 | M | JB-161N-PLUG             | 100 | M |
|----------------------------|--------------------------|-----|---|--------------------------|-----|---|
| Product name               | Plug                     |     |   | Plug                     |     |   |
| Product type               | Wireless                 |     |   | Wireless                 |     |   |
| Plug type                  | Type E (French)          |     |   | Type F (Schuko)          |     |   |
| Dimensions                 | 70 x 70 x 77.6 mm        |     |   | 70 x 70 x 77.6 mm        |     |   |
| Power supply               | 110 - 230 V / 50 - 60 Hz |     |   | 110 - 230 V / 50 - 60 Hz |     |   |
| Resistive load (cos φ = 1) | Max. 16 A                |     |   | Max. 16 A                |     |   |



| Product code                        | JB-162N-PLUG                  | 100 | M | JB-163N-PLUG                  | 100 | M |
|-------------------------------------|-------------------------------|-----|---|-------------------------------|-----|---|
| Product name                        | Plug with external output     |     |   | Plug with external output     |     |   |
| Product type                        | Wireless                      |     |   | Wireless                      |     |   |
| Plug type                           | Type E (French)               |     |   | Type F (Schuko)               |     |   |
| Dimensions                          | 70 x 70 x 77.6 mm             |     |   | 70 x 70 x 77.6 mm             |     |   |
| Power supply                        | 110 - 250 V / 50 - 60 Hz      |     |   | 110 - 250 V / 50 - 60 Hz      |     |   |
| External output maximum loadability | 250 V AC / 24 V DC / max. 1 A |     |   | 250 V AC / 24 V DC / max. 1 A |     |   |

## MODULES

### Output



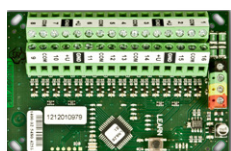
| Product code | JA-150EM-DIN                                                                                | 100 |
|--------------|---------------------------------------------------------------------------------------------|-----|
| Product name | Module for electricity meter pulse output                                                   |     |
| Product type | Wireless                                                                                    |     |
| Dimensions   | 18 x 90 x 65 mm                                                                             |     |
| Power supply | 230 V / 50 Hz, 1.2 W                                                                        |     |
| IN input     | Operating voltage 5 V, max. external overvoltage 30 V DC, max. connection cable length 3 m. |     |
| PU input     | Compatible with an impulse S0 output of class B electricity meters according to EN 62053-31 |     |
| TA input     | Remote tariffing input maximum 230 V AC                                                     |     |
| Note         | Possibility of connecting an AN-868 antenna                                                 |     |

## MODULES

### Input



| Product code                                   | JA-111H TRB                                 | 100 | M | JA-111H-AD TRB                  | 100 | JA-114HN                                           | 100 |
|------------------------------------------------|---------------------------------------------|-----|---|---------------------------------|-----|----------------------------------------------------|-----|
| Product name                                   | Module for the connection of a bus detector |     |   | System control module           |     | 4-input and 4-output module                        |     |
| Product type                                   | Bus                                         |     |   | Bus                             |     | Bus                                                |     |
| Dimensions                                     | 16 x 30 x 12 mm                             |     |   | 16 x 30 x 12 mm                 |     | 77 x 40 x 31 mm                                    |     |
| Power supply                                   | 12 V from the control panel bus             |     |   | 12 V from the control panel bus |     | 12 V from the control panel bus                    |     |
| Max. acceptable load by the connected detector | 50 mA                                       |     |   | 50 mA                           |     | +U output 200 mA<br>each output max. 500 mA / 38 V |     |
| Max. length of supply lines to the inputs      | -                                           |     |   | -                               |     | 100 m                                              |     |



| Product code                                   | JA-116H                         | 100 | JA-118M                                          | 100 | M | JA-162M                          | 100 |
|------------------------------------------------|---------------------------------|-----|--------------------------------------------------|-----|---|----------------------------------|-----|
| Product name                                   | Expander - 16 inputs            |     | Magnetic detectors' connection module - 8 inputs |     |   | Module with two universal inputs |     |
| Product type                                   | Bus                             |     | Bus                                              |     |   | Wireless                         |     |
| Dimensions                                     | 102 x 66 x 20 mm                |     | 50 x 38 x 14 mm                                  |     |   | 37 x 75 x 15 mm                  |     |
| Power supply                                   | 12 V from the control panel bus |     | 12 V from the control panel bus                  |     |   | 2x BAT-1V5-AAA - not included    |     |
| Max. acceptable load by the connected detector | Max. 4x 100 mA                  |     | -                                                |     |   | -                                |     |
| Max. length of supply lines to the inputs      | 100 m                           |     | 100 m                                            |     |   | 3 m                              |     |

## MODULES

### Relays



| Product code          | AC-160-DIN                                      | 100 | AC-160-C                 | 100 |
|-----------------------|-------------------------------------------------|-----|--------------------------|-----|
| Product name          | Multifunctional relay for DIN-rail installation |     | Multifunctional relay    |     |
| Product type          | Wireless                                        |     | Wireless                 |     |
| Dimensions            | 18 x 90 x 65 mm                                 |     | 49 x 49 x 26 mm          |     |
| Power supply          | 230 V / 50 Hz                                   |     | 100 - 230 V / 50 - 60 Hz |     |
| Max. switched voltage | 250 V AC                                        |     | 250 V AC                 |     |
| Max. switched current | 16 A                                            |     | 16 A                     |     |

## MODULES

### Indicators



| Product code | JA-111I                     | 100 | JA-112I                 | 100 |
|--------------|-----------------------------|-----|-------------------------|-----|
| Product name | Universal optical indicator |     | Section or PG indicator |     |
| Product type | -                           |     | Bus                     |     |
| Dimensions   | 62 x 36 x 27 mm             |     | 62 x 36 x 27 mm         |     |

## INSTALLATION ACCESSORIES

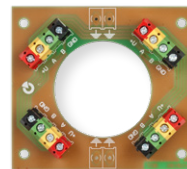
### Bus isolator



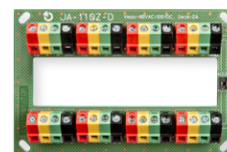
| Product code                                   | JA-110T                         | 100 |
|------------------------------------------------|---------------------------------|-----|
| Product name                                   | Bus isolator                    |     |
| Product type                                   | Bus                             |     |
| Dimensions                                     | 38 x 42 x 14 mm                 |     |
| Power supply                                   | 12 V from the control panel bus |     |
| Admissible load of the outer branch of the bus | Max. 250 mA                     |     |

## INSTALLATION ACCESSORIES

### Bus splitters



| Product code    | JA-110Z              | 100 | M | JA-110Z-B         | 100 | M |
|-----------------|----------------------|-----|---|-------------------|-----|---|
| Product name    | Address bus splitter |     |   | Bus splitter      |     |   |
| Dimensions      | 90 x 90 x 34 mm      |     |   | 71 x 64 x 13 mm   |     |   |
| Maximum voltage | 16 V                 |     |   | 42 V AC / 60 V DC |     |   |
| Maximum current | 2 A                  |     |   | 2 A               |     |   |



| Product code    | JA-110Z-C         | 100 | M | JA-110Z-D                                                                | 100 | M |
|-----------------|-------------------|-----|---|--------------------------------------------------------------------------|-----|---|
| Product name    | Bus splitter      |     |   | Bus splitter                                                             |     |   |
| Dimensions      | 40 x 38 x 13 mm   |     |   | 102 x 66 x 18 mm                                                         |     |   |
| Maximum voltage | 42 V AC / 60 V DC |     |   | 48 V AC / 60 V DC                                                        |     |   |
| Maximum current | 2 A               |     |   | 2 A                                                                      |     |   |
| Note            | -                 |     |   | Suitable for the expansion of the third bus for JA-107K/R control panels |     |   |

## INSTALLATION ACCESSORIES

### Bus booster



| Product code                        | JA-120Z                                     | 100 |
|-------------------------------------|---------------------------------------------|-----|
| Product name                        | Backed-up bus booster                       |     |
| Mains supply (83PWR power supply)   | 110 - 230 V / 50 - 60 Hz                    |     |
| Power input                         | 50 VA max                                   |     |
| Maximum rating                      | 2 A                                         |     |
| Backup battery                      | 1x SA214-18 - not included                  |     |
| Dimensions of the electronic unit   | 102 x 66 x 14 mm                            |     |
| Dimensions of the power supply unit | 170 x 80 x 65 mm                            |     |
| Note                                | Distributed without plastic cover PLV-CP-L. |     |

## INSTALLATION ACCESSORIES

### Covers and installation boxes



| Product code | PLV-JA111R                     | PLV-CP-M                                                                       | PLV-CP-L                                                                                |
|--------------|--------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Product name | Plastic cover for radio module | Replacement cover for the JA-100K/R, JA-102KY/KRY and JA-103K/R control panels | Replacement cover for the JA-103K-7Ah, JA-107K/R control panels and JA-120Z bus booster |
| Dimensions   | 43 x 160 x 23 mm               | 268 x 225 x 83 mm                                                              | 357 x 297 x 105 mm                                                                      |
| Note         | For JA-111R, JA-111R-80        | Can also be used as an installation box                                        | Can also be used as an installation box                                                 |



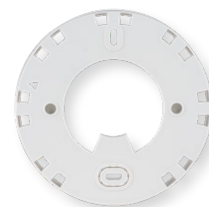
| Product code      | JA-192PL-A                            |
|-------------------|---------------------------------------|
| Product name      | Multipurpose outdoor installation box |
| Dimensions        | 70 x 62 x 35 mm                       |
| Supported modules | JA-111SH<br>JA-111TH<br>JA-151TH      |



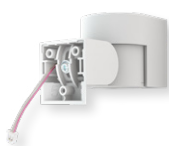
| Product name      | JA-190PL                                                                                                                                                                                              | JA-195PL                                                                                                                                                                       | JA-194PL                                                                                                                                                                          |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name      | Multipurpose installation box - small                                                                                                                                                                 | Multipurpose installation box - medium                                                                                                                                         | Multipurpose installation box - large                                                                                                                                             |
| Dimensions        | 90 x 90 x 34 mm                                                                                                                                                                                       | 102 x 102 x 34 mm                                                                                                                                                              | 182 x 132 x 45 mm                                                                                                                                                                 |
| Supported modules | JA-110N<br>JA-110T<br>JA-110Z<br>JA-110Z-B<br>JB-110N<br>JA-111N<br>JA-111H-AD TRB<br>JA-111H TRB<br>JB-111N<br>JA-114HN<br>JA-118M<br>JA-118N<br>JB-118N<br>JA-120N<br>JA-121T<br>JA-150N<br>JA-151N | JA-110N<br>JA-110T<br>JA-110Z-B<br>JB-110N<br>JA-111N<br>JA-111H-AD TRB<br>JA-111H TRB<br>JB-111N<br>JA-118M<br>JA-118N<br>JB-118N<br>JA-121T<br>JA-150N<br>JA-151N<br>JA-162M | JA-110N<br>JA-110T<br>JA-110Z<br>JA-110Z-B<br>JA-110Z-D<br>JB-110N<br>JA-111N<br>JB-111N<br>JA-114HN<br>JA-116H<br>JA-118M<br>JA-118N<br>JB-118N<br>JA-121T<br>JA-150N<br>JA-162M |
| Note              | -                                                                                                                                                                                                     | Equipped with a front and rear tamper switch                                                                                                                                   | Equipped with a front and rear tamper switch                                                                                                                                      |

## INSTALLATION ACCESSORIES

### Covers and installation boxes



| Product code | WRE-KU68-WH /-BK                     | WRE-SC-WH /-BK                       | PLV-P-ST                                |
|--------------|--------------------------------------|--------------------------------------|-----------------------------------------|
| Product name | Mounting pad for JA-120E and JA-121E | Mounting box for JA-120E and JA-121E | Universal circular spacer               |
| Dimensions   | 96 x 96 x 8 mm                       | 67 x 96 x 15 mm                      | ø 126 mm                                |
| Note         | -                                    | -                                    | For the full range of ceiling detectors |



| Product code | JA-191PL                                           | JA-196PL-S                            | JA-196PL-L                                                    |
|--------------|----------------------------------------------------|---------------------------------------|---------------------------------------------------------------|
| Product name | Articulated holder for PIR detectors               | Wall holder for PIR detectors         | Wall holder for PIR detectors                                 |
| Note         | For PIR detectors of the JA-1x1P and JA-1x2P types | For PIR detectors of the JA-1x2P type | For PIR detectors of the JA-1x2PW, JA-1x2PC and JA-1x2PB type |



| Product code | JA-1X1A-C<br>/-WH /-AN /-GR        | JA-1X1A-C<br>/-WH-B /-AN-B /-GR-B   | JA-1X1A-C-ST<br>/-B                                    |
|--------------|------------------------------------|-------------------------------------|--------------------------------------------------------|
| Product name | Plastic siren cover with red light | Plastic siren cover with blue light | Stainless steel siren cover with red / blue (-B) light |
| Dimensions   | 200 x 300 x 70 mm                  | 200 x 300 x 70 mm                   | 200 x 300 x 70 mm                                      |



| Product code | PLV-JA152JMSII                      | PLV-JA154JMSII                      |
|--------------|-------------------------------------|-------------------------------------|
| Product name | Replacement cover for JA-152J MS II | Replacement cover for JA-154J MS II |
| Dimensions   | 36 x 63 x 15 mm                     | 36 x 77 x 15 mm                     |

## INSTALLATION ACCESSORIES

### Installation cables



| Product code   | CC-01                                                                          | CC-02                                 |
|----------------|--------------------------------------------------------------------------------|---------------------------------------|
| Product name   | Installation cable                                                             | Installation cable                    |
| Length         | 300 m                                                                          | 300 m                                 |
| Cable diameter | 1 × 2 × 24 AWG (0.2 mm <sup>2</sup> )<br>1 × 2 × 20 AWG (0.5 mm <sup>2</sup> ) | 2 × 2 × 24 AWG (0.2 mm <sup>2</sup> ) |



| Product code       | CC-03                                                                          | CC-11                                                                                                                                                        |
|--------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name       | Installation cable                                                             | Installation cable                                                                                                                                           |
| Length             | 250 m                                                                          | 200 m                                                                                                                                                        |
| Cable diameter     | 3 × 2 × 24 AWG (0.2 mm <sup>2</sup> )<br>1 × 2 × 20 AWG (0.5 mm <sup>2</sup> ) | 1 × 2 × 24 AWG (0.2 mm <sup>2</sup> )<br>1 × 2 × 20 AWG (0.5 mm <sup>2</sup> )                                                                               |
| Flammability class | -                                                                              | B2CA-s1, d0, a1                                                                                                                                              |
| Note               | 2 pairs of auxiliary cables                                                    | Higher resistance of the cable against the spread of fire through cable bundles and against the leak of toxic vapors. Suitable for a commercial environment. |

## INSTALLATION ACCESSORIES

### Antennas



| Product code    | AN-868                                                             | AN-868-2PIN                                                                 | AN-05 2G-3G        |
|-----------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------|
| Product name    | External antenna                                                   | External antenna                                                            | External antenna   |
| Dimensions      | 130 x 50 x 30 mm                                                   | 130 x 50 x 30 mm                                                            | 110 x 30 mm        |
| Compatible with | JA-150EM-DIN<br>JA-163A<br>AC-160-DIN<br>JB-EXT-TH-R<br>JA-151ST-A | JA-151A<br>JA-151N<br>JA-150IR<br>JA-151IR<br>JA-157P<br>JA-158P<br>JA-159P | JA-106K<br>JA-192Y |
| Cable length    | 2 m                                                                | 2 m                                                                         | 3 m                |
| Note            | 3-pin connector                                                    | 2-pin connector                                                             | -                  |

## INSTALLATION ACCESSORIES

### Testers



|              |                                |                       |                             |
|--------------|--------------------------------|-----------------------|-----------------------------|
| Product code | SD-TESTER                      | GBT-212               | SOLO C3                     |
| Product name | Test spray for smoke detectors | Glass break simulator | Test spray for CO detectors |

## INSTALLATION ACCESSORIES

### Label printer



|              |                                                  |
|--------------|--------------------------------------------------|
| Product code | PT-P700-X                                        |
| Product name | Label printer                                    |
| Note         | Accessories: printer tape PT-TAPE02-BW /-WB /-WG |

## INSTALLATION ACCESSORIES

### RFID card reader for PC



|              |                         |                                  |
|--------------|-------------------------|----------------------------------|
| Product code | JA-190T                 | JA-191T                          |
| Product name | RFID card reader for PC | Dual RFID/NFC card reader for PC |

## INSTALLATION ACCESSORIES

### Wall plugs



|              |                                            |                                            |
|--------------|--------------------------------------------|--------------------------------------------|
| Product code | ACC-D-UX5R                                 | ACC-D-UX6R                                 |
| Product name | Universal plastic wall plugs 5 mm diameter | Universal plastic wall plugs 6 mm diameter |

## INSTALLATION ACCESSORIES

### Screws



| Product code | ACC-S3.5X40 / ACC-S4.5X50 | ACC-SH3.5X40 / ACC-SH4.5X50 |
|--------------|---------------------------|-----------------------------|
| Product name | Wood screws               | Wood half-round head screws |
| Dimensions   | 3.5 x 40 mm / 4.5 x 50 mm | 3.5 x 40 mm / 4.5 x 50 mm   |

## POWER SUPPLY

### Adapters



| Product code   | DE06-12                                                                   | LT-089.07                                                                 | HLK-PM12JBT                             |
|----------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------|
| Product name   | Power adapter                                                             | Power adapter                                                             | Power adapter                           |
| Dimensions     | 50 x 48 x 25 mm                                                           | 41 x 79 x 44 mm                                                           | 39 x 24 x 18 mm                         |
| Power supply   | 110 - 230 V AC                                                            | 110 - 230 V AC                                                            | 100 - 240 V AC                          |
| Output voltage | 12 V DC                                                                   | 12 V DC                                                                   | 12 V DC                                 |
| Output current | 500 mA                                                                    | 1000 mA                                                                   | 250 mA                                  |
| Note           | Intended for powering wireless keypads, GSM communicators or GS-133, etc. | Intended for powering wireless keypads, GSM communicators or GS-133, etc. | Intended for powering wireless keypads. |

## POWER SUPPLY

### Backup batteries



| Product code | SA214-2.6                                 | SA214-7                       | SA214-18          |
|--------------|-------------------------------------------|-------------------------------|-------------------|
| Type         | Pb                                        | Pb                            | Pb                |
| Voltage      | 12 V                                      | 12 V                          | 12 V              |
| Capacity     | 2.6 Ah                                    | 7 Ah                          | 18 Ah             |
| Dimensions   | 178 x 36 x 60 mm                          | 151 x 65 x 94 mm              | 181 x 76 x 167 mm |
| Note         | For JA-100K/R, JA-102KY/KRY and JA-103K/R | For JA-103K-7Ah and JA-107K/R | For JA-107K/R     |



| Product code | BAT-3V2-CR2                            | BAT-3V7-2500   |
|--------------|----------------------------------------|----------------|
| Type         | LiFePO4                                | Li-Pol         |
| Voltage      | 3.2 V                                  | 3.7 V          |
| Capacity     | 400 mAh                                | 2500 mAh       |
| Dimensions   | ø 16 x 28 mm                           | 58 x 37 x 9 mm |
| Note         | For JA-110A II, JA-150A II and JA-152A | For JA-156E    |

## POWER SUPPLY

### Backup batteries



| Product code | BAT-3V7-5000   | BAT-4V8-N900    | BAT-4V8                         |
|--------------|----------------|-----------------|---------------------------------|
| Type         | Li-Pol         | NiCd            | NiCd                            |
| Voltage      | 3.7 V          | 4.8 V           | 4.8 V                           |
| Capacity     | 5000 mAh       | 900 mAh         | 1800 mAh                        |
| Dimensions   | 55 x 65 x 9 mm | 56 x 49 x 15 mm | 90 x 45 x 20 mm                 |
| Note         | For JA-152KRY  | For JA-150R     | For JA-111A-BASE-RB and JA-115A |

## POWER SUPPLY

### Batteries



| Product code | BAT-1V5-AA | BAT-1V5-AAA | BAT-3V6-1/2AA-LS |
|--------------|------------|-------------|------------------|
| Type         | Alkaline   | Alkaline    | Lithium          |
| Voltage      | 1.5 V      | 1.5 V       | 3.6 V            |
| Capacity     | 2500 mAh   | 1250 mAh    | 1200 mAh         |



| Product code | BAT-3V6-AA-LS | BAT-3V0-CR123A | BAT-3V0-CR2032 |
|--------------|---------------|----------------|----------------|
| Type         | Lithium       | Lithium        | Lithium        |
| Voltage      | 3.6 V         | 3 V            | 3 V            |
| Capacity     | 2400 mAh      | 1500 mAh       | 200 mAh        |



| Product code | BAT-3V0-CR2354 | BAT-3V6-R20 | BAT-100A                        |
|--------------|----------------|-------------|---------------------------------|
| Type         | Lithium        | Lithium     | Lithium                         |
| Voltage      | 3 V            | 3.6 V       | 3.6 V                           |
| Capacity     | 550 mAh        | 13 Ah       | 13 Ah                           |
| Note         | -              | -           | For JA-163A-BASE-RB and JA-165A |



|                                      |    |                            |    |
|--------------------------------------|----|----------------------------|----|
| AC-160-C .....                       | 26 | JA-110Z .....              | 27 |
| AC-160-DIN .....                     | 26 | JA-110Z-B .....            | 27 |
| ACC-D-UX5R .....                     | 31 | JA-110Z-C .....            | 27 |
| ACC-D-UX6R .....                     | 31 | JA-110Z-D .....            | 27 |
| ACC-S3.5X40 / ACC-S4.5X50 .....      | 32 | JA-111A-BASE-RB .....      | 22 |
| ACC-SH3.5X40 / ACC-SH4.5X50 .....    | 32 | JA-111H-AD TRB .....       | 25 |
| AN-05 2G-3G .....                    | 30 | JA-111H TRB .....          | 25 |
| AN-868 .....                         | 30 | JA-111I .....              | 26 |
| AN-868-2PIN .....                    | 30 | JA-111M /-GR /-AN /B ..... | 17 |
| BAT-1V5-AA .....                     | 33 | JA-111R .....              | 6  |
| BAT-1V5-AAA .....                    | 33 | JA-111R 80 .....           | 6  |
| BAT-3V0-CR123A .....                 | 33 | JA-111SH .....             | 18 |
| BAT-3V0-CR2032 .....                 | 33 | JA-111ST-A .....           | 19 |
| BAT-3V0-CR2354 .....                 | 33 | JA-111TH .....             | 18 |
| BAT-3V2-CR2 .....                    | 32 | JA-112E .....              | 8  |
| BAT-3V6-1/2AA-LS .....               | 33 | JA-112I .....              | 26 |
| BAT-3V6-AA-LS .....                  | 33 | JA-112J .....              | 9  |
| BAT-3V6-R20 .....                    | 33 | JA-112M .....              | 17 |
| BAT-3V7-2500 .....                   | 32 | JA-112P /-GR /-AN .....    | 12 |
| BAT-3V7-5000 .....                   | 33 | JA-113E /-GR /-AN .....    | 8  |
| BAT-4V8 .....                        | 33 | JA-113M /-GR /-AN .....    | 17 |
| BAT-4V8-N900 .....                   | 33 | JA-114E /-GR /-AN .....    | 7  |
| BAT-100A .....                       | 33 | JA-114HN .....             | 25 |
| CC-01 .....                          | 30 | JA-115A .....              | 23 |
| CC-02 .....                          | 30 | JA-115E /-GR /-AN .....    | 7  |
| CC-03 .....                          | 30 | JA-115P .....              | 13 |
| CC-11 .....                          | 30 | JA-116E /-GR /-AN .....    | 6  |
| DE06-12 .....                        | 32 | JA-116H .....              | 25 |
| EI208W / EI208DW .....               | 20 | JA-118M .....              | 25 |
| GBT-212 .....                        | 31 | JA-120E-WH /-BK .....      | 8  |
| GS-133 .....                         | 20 | JA-120N .....              | 24 |
| HLK-PM12JBT .....                    | 32 | JA-120PB .....             | 15 |
| JA-1X1A-C-ST /-B .....               | 29 | JA-120PC .....             | 16 |
| JA-1X1A-C /-WH /-AN /-GR .....       | 29 | JA-120PC (90) .....        | 16 |
| JA-1X1A-C /-WH-B /-AN-B /-GR-B ..... | 29 | JA-120PW .....             | 15 |
| JA-100KR .....                       | 3  | JA-120Z .....              | 27 |
| JA-102KRY .....                      | 4  | JA-121E-WH /-BK .....      | 8  |
| JA-102KY .....                       | 4  | JA-121T .....              | 5  |
| JA-103K .....                        | 3  | JA-122E .....              | 9  |
| JA-103K-7Ah .....                    | 3  | JA-122E-NFC .....          | 9  |
| JA-103KR .....                       | 3  | JA-122PB /-GR /-AN .....   | 14 |
| JA-107K .....                        | 3  | JA-122PC /-GR /-AN .....   | 16 |
| JA-107KR .....                       | 3  | JA-122PW /-GR /-AN .....   | 14 |
| JA-110A .....                        | 22 | JA-123E .....              | 9  |
| JA-110A II .....                     | 22 | JA-123E-NFC .....          | 9  |
| JA-110E .....                        | 7  | JA-150A II .....           | 22 |
| JA-110F .....                        | 19 | JA-150E .....              | 7  |
| JA-110G-CO .....                     | 20 | JA-150EM-DIN .....         | 25 |
| JA-110N-DIN .....                    | 23 | JA-150G-CO .....           | 20 |
| JA-110P .....                        | 12 | JA-150IR .....             | 14 |
| JA-110P PET .....                    | 12 | JA-150M /-GR /-AN /B ..... | 17 |
| JA-110ST .....                       | 19 | JA-150N .....              | 23 |
| JA-110T .....                        | 26 | JA-150P .....              | 12 |

|                      |    |
|----------------------|----|
| JA-150P PET          | 12 |
| JA-150R              | 6  |
| JA-150ST             | 19 |
| JA-151IR             | 14 |
| JA-151M /-GR /-AN /B | 17 |
| JA-151N              | 23 |
| JA-151ST             | 19 |
| JA-151ST-A           | 19 |
| JA-151TH             | 18 |
| JA-152A              | 22 |
| JA-152E              | 8  |
| JA-152J MS II        | 10 |
| JA-152KRY            | 4  |
| JA-152M              | 17 |
| JA-152P /-GR /-AN    | 12 |
| JA-152SHM            | 18 |
| JA-153E /-GR /-AN    | 8  |
| JA-153M /-GR /-AN    | 17 |
| JA-154A              | 22 |
| JA-154E /-GR /-AN    | 7  |
| JA-154J MS II        | 10 |
| JA-155E /-GR /-AN    | 7  |
| JA-155P              | 13 |
| JA-156E /-GR /-AN    | 6  |
| JA-156J              | 10 |
| JA-157J              | 10 |
| JA-157P              | 13 |
| JA-158J              | 10 |
| JA-158P              | 13 |
| JA-159J              | 11 |
| JA-159P              | 13 |
| JA-160PC             | 16 |
| JA-160PC (90)        | 16 |
| JA-162M              | 25 |
| JA-162PB /-GR /-AN   | 14 |
| JA-162PC /-GR /-AN   | 16 |
| JA-162PW /-GR /-AN   | 14 |
| JA-163A-BASE-RB      | 22 |
| JA-165A              | 23 |
| JA-169P              | 13 |
| JA-180PB             | 15 |
| JA-180W              | 15 |
| JA-182J              | 11 |
| JA-182M              | 17 |
| JA-182SH             | 18 |
| JA-186P              | 13 |
| JA-187J              | 10 |
| JA-188J              | 9  |
| JA-190J              | 11 |
| JA-190PL             | 28 |
| JA-190T              | 31 |
| JA-190X              | 5  |
| JA-191PL             | 29 |

|                   |    |
|-------------------|----|
| JA-191T           | 31 |
| JA-191Y           | 5  |
| JA-192E /-GR /-AN | 8  |
| JA-192J           | 11 |
| JA-192PL-A        | 28 |
| JA-192Y           | 5  |
| JA-193J           | 11 |
| JA-194J-RE / -BK  | 11 |
| JA-194PL          | 28 |
| JA-194Y           | 5  |
| JA-194Y LITE      | 5  |
| JA-195J           | 11 |
| JA-195PL          | 28 |
| JA-196J           | 11 |
| JA-196PL-L        | 29 |
| JA-196PL-S        | 29 |
| JB-110N           | 23 |
| JB-111N           | 23 |
| JB-118N           | 23 |
| JB-150N-HEAD      | 24 |
| JB-160N-PLUG      | 24 |
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| JB-162N-PLUG      | 24 |
| JB-163N-PLUG      | 24 |
| JB-EXT-TH-B       | 18 |
| JB-EXT-TH-R       | 18 |
| JI-113C           | 21 |
| JI-114C           | 21 |
| JI-114C-A         | 21 |
| JI-114Z           | 21 |
| JI-120T           | 21 |
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| PLV-CP-M          | 28 |
| PLV-JA111R        | 28 |
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| PLV-JA154JMSII    | 29 |
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## About us



**JABLOTRON** is a leading European player in the field of alarm systems. We have been developing and producing alarm systems with an emphasis on the user comfort of our products for over 30 years. We provide state-of-the-art solutions for the protection of property, health and safety of our customers.



## JABLOTRON 100+ system parameters

up to  
**15**  
sections

up to  
**600**  
users

up to  
**230**  
peripherals

up to  
**128**  
PG outputs

## JABLOTRON Mercury system parameters

up to  
**4**  
sections

up to  
**32**  
users

up to  
**31**  
peripherals

up to  
**2**  
PG outputs

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