RZN 4308-E SHEV control panel

G 500002 0786-CPR-50664 B 06 05 22802 024

Find out about permission details from your D+H Partner

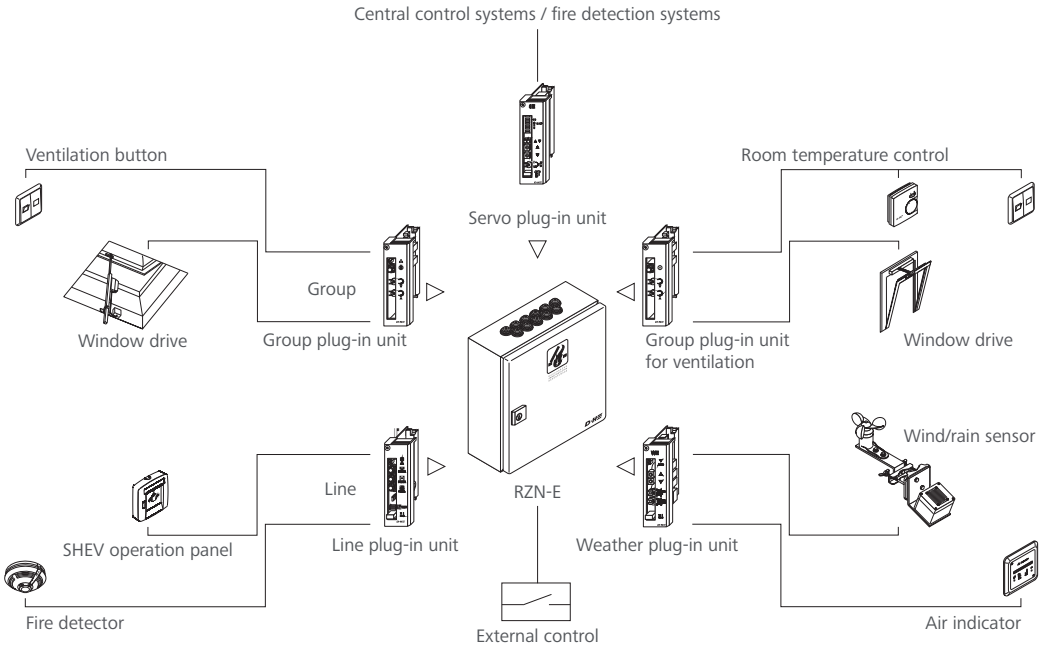
Performance features

- For use in complex construction objects with various requirements
- Up to 8 A total drive current
- Installation plate with motherboard, module slots, 2 slots for additional modules, supply slot and rectifier card
- Optional connection to visual and acoustic alarm devices
- Connection of up to 8 SHEV buttons and 14 fire detectors per line (Only detectors permitted by D+H may be used)
- In lockable surface-mounted sheet steel housing
- Min. 72 hr battery backup supply

Accessories

Battery	Plug-in units	Sensor systems	SHEV operation panels

Example of application



Technical data

Supply	230 V AC / 50 Hz / 240 VA
Stand-by power	10.4 W
Output	24 V DC / max. 8 A
Mode of operation monitoring	Continuous duty
Mode of operation Alarm / Ventilation	Short-time duty 30 % duty cycle
Type of protection	IP 54
Temperature range	-5 °C ... +40 °C
Housing	Steel sheet
Colour	Light grey (~ RAL 7035)
Battery type	Type 3 (2x)

Design

Type	Art. No.	Free slots	W x H x (D) in mm	Weight
RZN 4308-E6	30.106.10	6	500 x 500 x 210	22.00 kg
RZN 4308-E9	30.106.20	9	600 x 600 x 210	23.00 kg

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RZN 4316-E SHEV control panel

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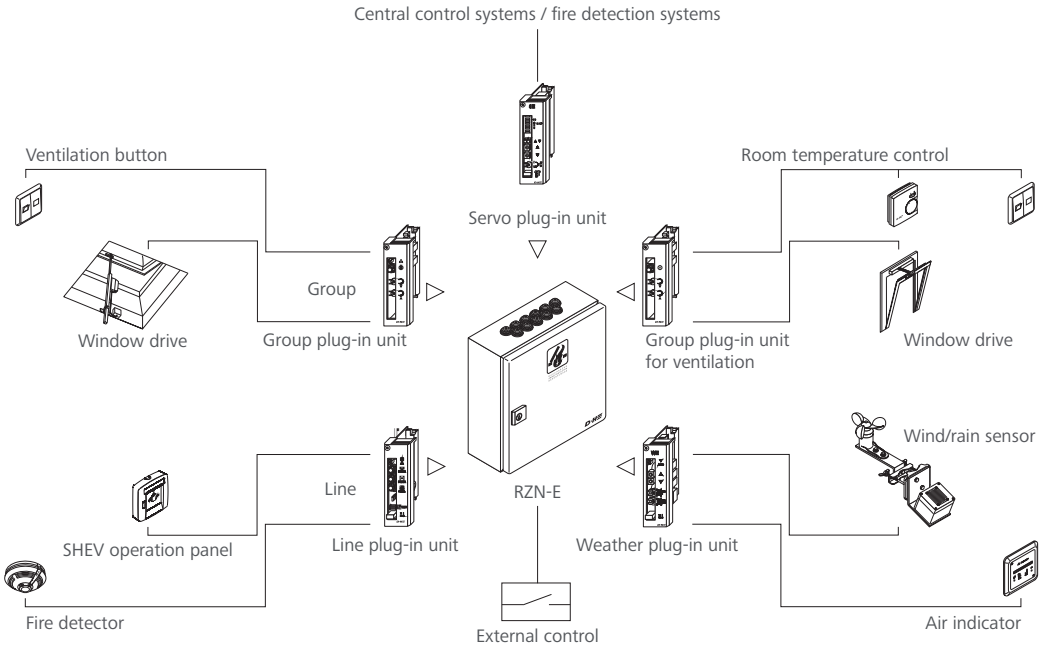
Performance features

- For use in complex construction objects with various requirements
- Up to 16 A total drive current
- Installation plate with motherboard, module slots, 2 slots for additional modules, supply slot and rectifier card
- Optional connection to visual and acoustic alarm devices
- Connection of up to 8 SHEV buttons and 14 fire detectors per line (Only detectors permitted by D+H may be used)
- In lockable surface-mounted sheet steel housing
- Min. 72 hr battery backup supply

Accessories

Battery	Plug-in units	Sensor systems	SHEV operation panels

Example of application



Technical data

Supply	230 V AC / 50 Hz / 500 VA
Stand-by power	11 W
Output	24 V DC / max. 16 A
Mode of operation monitoring	Continuous duty
Mode of operation Alarm / Ventilation	Short-time duty 30 % duty cycle
Type of protection	IP 54
Temperature range	-5 °C ... +40 °C
Housing	Steel sheet
Colour	Light grey (~ RAL 7035)
Battery type	Type 4 (2x)

Design

Type	Art. No.	Free slots	W x H x (D) in mm	Weight
RZN 4316-E6	30.104.10	6	500 x 500 x 210	25.00 kg
RZN 4316-E9	30.106.50	9	600 x 600 x 210	26.00 kg
RZN 4316-E14	30.106.60	14	600 x 600 x 210	26.00 kg

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RZN 4332-E SHEV control panel

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Find out about permission details from your D+H Partner

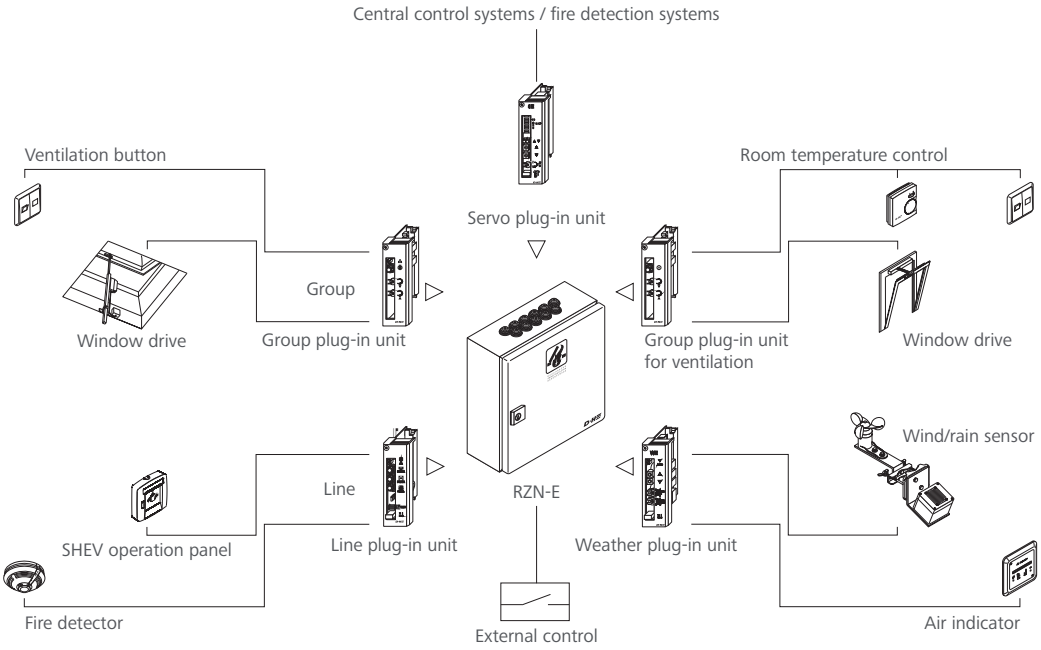
Performance features

- For use in complex construction objects with various requirements
- Up to 32 A total drive current
- Installation plate with motherboard, module slots, 2 slots for additional modules, supply slot and rectifier card
- Optional connection to visual and acoustic alarm devices
- Connection of up to 8 SHEV buttons and 14 fire detectors per line (Only detectors permitted by D+H may be used)
- In lockable surface-mounted sheet steel housing
- Min. 72 hr battery backup supply

Accessories

Battery	Plug-in units	Sensor systems	SHEV operation panels

Example of application



Technical data

Supply	230 V AC / 50 Hz / 1000 VA
Stand-by power	16.2 W
Output	24 V DC / max. 32 A
Mode of operation monitoring	Continuous duty
Mode of operation Alarm / Ventilation	Short-time duty 30 % duty cycle
Type of protection	IP 54
Temperature range	-5 °C ... +40 °C
Housing	Steel sheet
Colour	Light grey (~ RAL 7035)
Battery type	Type 5 (2x)

Design

Type	Art. No.	Free slots	W x H x (D) in mm	Weight
RZN 4332-E6	30.104.40	6	600 x 600 x 210	26.50 kg
RZN 4332-E9	30.106.80	9	600 x 600 x 210	27.00 kg
RZN 4332-E14	30.106.90	14	600 x 800 x 250	27.50 kg

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RZN 4364-E SHEV control panel

G 500002 0786-CPR-50664 B 06 05 22802 024

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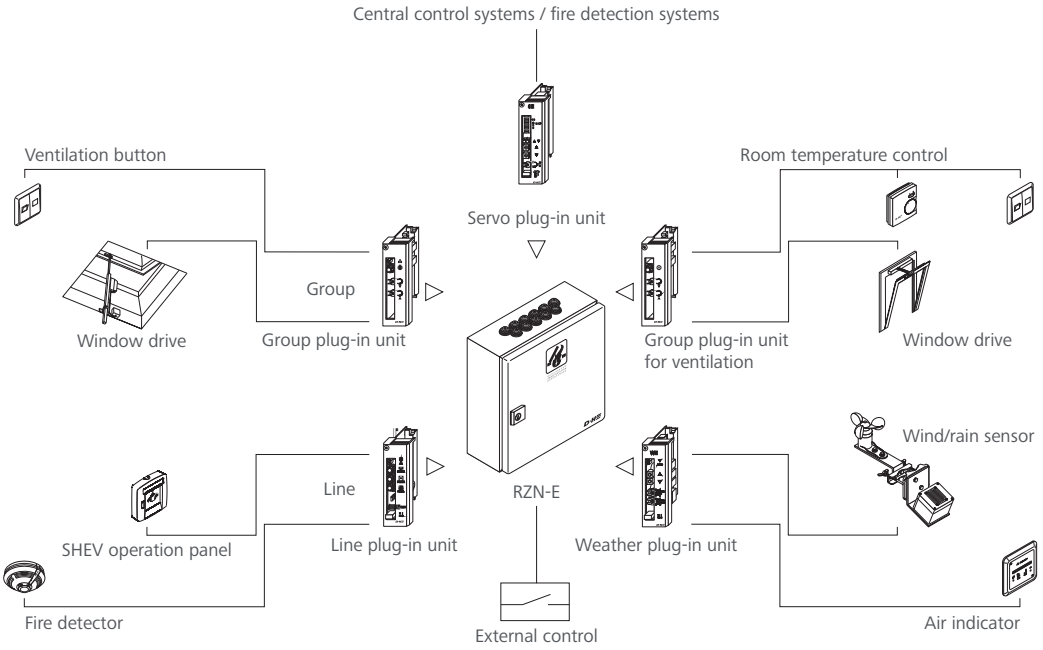
Performance features

- For use in complex construction objects with various requirements
- Up to 64 A total drive current
- Installation plate with motherboard, module slots, 2 slots for additional modules, supply slot and rectifier card
- Optional connection to visual and acoustic alarm devices
- Connection of up to 8 SHEV buttons and 14 fire detectors per line (Only detectors permitted by D+H may be used)
- In lockable surface-mounted sheet steel housing
- Min. 72 hr battery backup supply

Accessories

Battery	Plug-in units	Sensor systems	SHEV operation panels

Example of application



Technical data

Supply	230 V AC / 50 Hz / 2000 VA
Stand-by power	26 W
Output	24 V DC / max. 64 A
Mode of operation monitoring	Continuous duty
Mode of operation Alarm / Ventilation	Short-time duty 30 % duty cycle
Type of protection	IP 54
Temperature range	-5 °C ... +40 °C
Free slots	12
Housing	Steel sheet
Colour	Light grey (~ RAL 7035)
W x H x (D) in mm	800 x 1000 x 300
Weight	29.50 kg
Battery type	Type 6 (2x)

Design

Type	Art. No.
RZN 4364-E12	30.107.00

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RZN 43xx-E SHEV control panel

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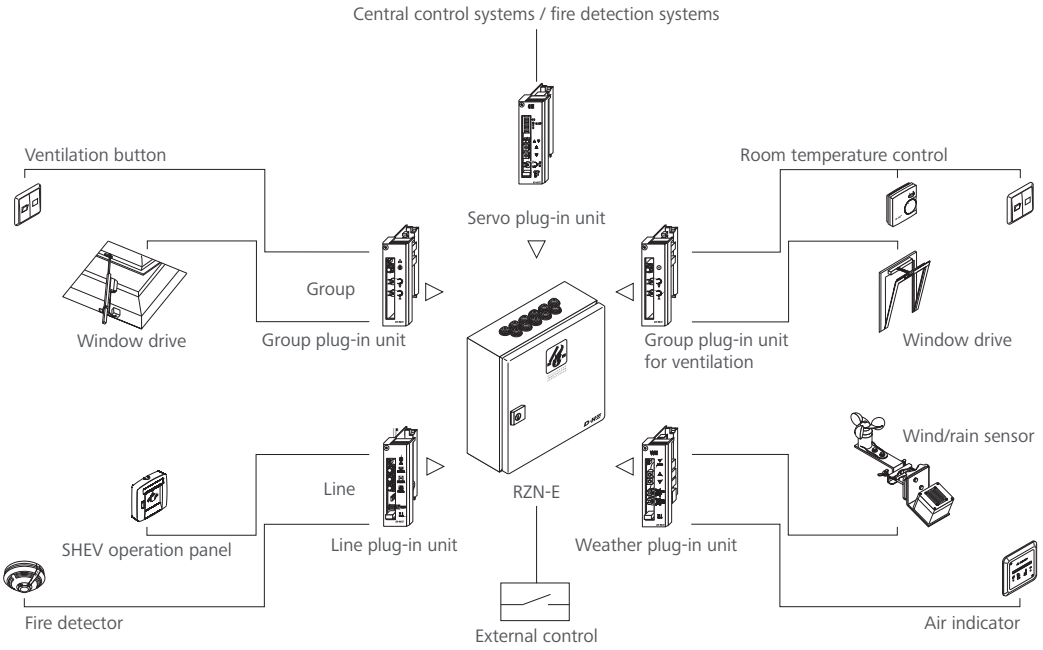
Performance features

- Variable modular design for complex position requirements
- Supporting rail system for various functional modules
- Installation plate with motherboard, module slots, 2 slots for additional modules, supply slot and rectifier card
- Addition of the drive current in 16 A steps
- Max. 10 A drive current per group
- Connection of up to 8 SHEV buttons and 14 fire detectors per line (Only detectors permitted by D+H may be used)
- Integrated comfort functions for daily ventilation
- Switchable SHEV safety functions: Fault equal to alarm, SHEV retriggering function and smoke detector remote reset

Accessories

Battery	Plug-in units	Sensor systems	SHEV operation panels

Example of application



Technical data

Supply	230 V AC / 50 Hz
Output	24 V DC / (21.6 ... 30 V)
Mode of operation monitoring	Continuous duty
Mode of operation Alarm / Ventilation	Short-time duty 20 % duty cycle
Type of protection	IP 54
Temperature range	-5 °C ... +40 °C
Housing	Steel sheet
Colour	Light grey

Design

Type	Art. No.	Remark
RZN 43xx-E	30.106.00	Variable equipment possible

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230 V AC SHEV system

NSV 401

GE 650-Set

G 500002 0786-CPR-50664

Find out about permission details from your D+H Partner

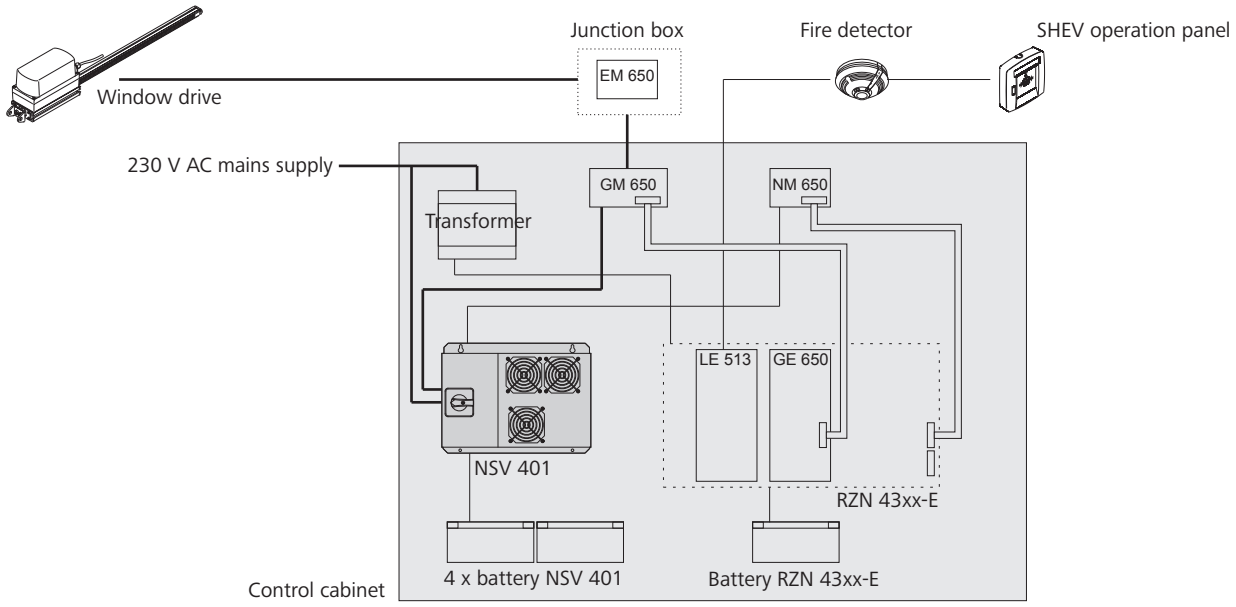
Performance features

- RZN 43xx-E in conjunction with 230 V AC emergency power supply NSV
- VdS approval in accordance with the German VdS directives VdS 2581 and VdS 2593
- Certificate of Constancy of Performance in accordance with EN 12101-10
- One-of-a-kind system with a consistent 230 V AC energy supply between controller and drives
- More performance - less wiring expense
- Ideal for long cable paths
- Particularly for heavy duty applications in roof areas

Accessories

Plug-in units	Modules	Sensor systems	SHEV operation panels

Example of application



Technical data

Supply	230 V AC / +10 % ... -15 % / 50 Hz
High/low-voltage regulation	-13 % / + 13 %
Max. output	3200 VA / 2000 W (14.6 A)
Mains operation	197 - 250 V AC
Support operation	230 V AC (sine ± 5%)
Ability to be overloaded	10 - 25 s / > 130 % 1.5 s
AC efficiency	> 95 %
Nominal battery voltage	48 V DC (nominal)
Recommended temperature range	+15 °C ... +25 °C
Cooling	Fan cooling
Noise level	< 45 dB

Design

Type	Art. No.	Akku type	Battery capacity	Weight	Remark
NSV 401	64.801.48			19.00 kg	
GE 650-Set	30.524.20			0.40 kg	
Akku Typ 5	70.200.05	4 x	18 Ah ± 15 %	6.36 kg	
Akku Typ 4	70.200.00	4 x	12 Ah ± 15 %	4.07 kg	
RZN 43xx-E	30.106.00				Variable equipment possible

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Plug-in units

Performance features

- For D+H RZN-E and GVL-E control panels
- Various SHEV and ventilation functions
- Various designs
- Easy installation
- Can be retrofit easily

Type	Art. No.	Description
LE 513	30.625.60	**Line plug-in unit** » For recording and evaluating alarm triggers » Connection of up to 8 SHEV buttons and 14 fire detectors per line (Only detectors permitted by D+H may be used) » Functions: Line “ON/OFF” Displays for alarm and fault Control of group plug-in units for SHEV alarm

Type	Art. No.	Description
GE 628 V2	30.627.60	**Group plug-in unit** » For controlling SHEV drives in conjunction with the LE 513 line plug-in unit » Option to combine with additional groups » Max. 10 A drive current per group » SHEV retriggering function » Configurable ventilation “OPEN” and runtime limit “OPEN” » Mains outage “CLOSED” function

Type	Art. No.	Description
GE 628-L V2	30.627.70	**Group plug-in unit for ventilation** » For controlling ventilation drives » Option to combine with additional groups » Max. 10 A drive current per group » Configurable ventilation “OPEN” and runtime limit “OPEN”

Type	Art. No.	Description
WE 516	30.650.50	**Weather plug-in unit** » For recording and evaluating weather signals » Addition of weather functions: Configurable wind/rain sensor and control panel ventilation button; Weather automation “ON/OFF”; Control elements for control panel “OPEN/CLOSED”; Wind strength sensitivity and signal retention time; Wind/rain display “OFF”

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Type	Art. No.	Description
SE 622	30.627.80	**Servo plug-in unit** » As interface for Building management system / Building automation / Central control system, for continuous and accurate control of drives with position transmitters in conjunction with GE group plug-in units » Optional input: - Current-controlled 0-20 mA or 4-20 mA - Voltage-controlled 0-10 V for opening widths of 0-100 % » Indicator display for drive position; switch for manual/automatic mode; manual mode “OPEN-CLOSED” » Feedback for building automation as analogue 0-10 V signal

Type	Art. No.	Description
AE 525-A	30.625.90	**Window-lock plug-in unit** » For controlling up to 30 window-lock units » Triggering via SHEV button and/or fire detector » LE 513 not required

Type	Art. No.	Description
AE 526-DG	30.626.10	**Window-lock plug-in unit** » For controlling up to 8 pressurised gas generators » Triggering via SHEV button and/or fire detector » LE 513 not required

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