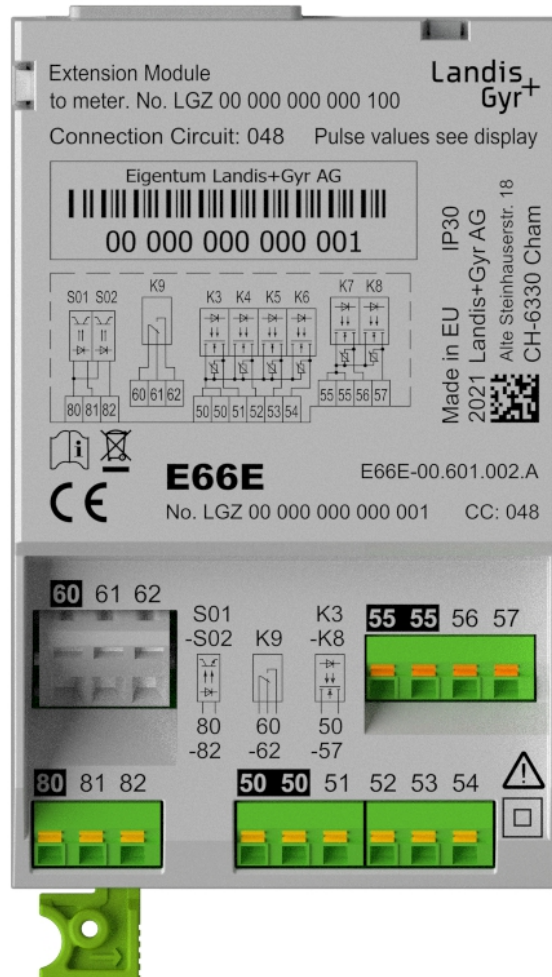


Extension module

E66E

Technical data



Revision history

Version	Date	Comments
a	15.06.2020	First edition.
b	01.11.2021	Updated cover picture, input safety standard, terminal and screwdriver data, and weight.

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E66E Extension module – Technical data

General

Inputs (optocoupler)

SELV, reinforced insulation

Requires external switch for activation, voltage/current levels according to IEC 62053-31

Number	2
Terminal type	spring connection, push-in spring connections are only suitable for solid wires > 0.8 mm ² and stranded wires with ferrules (plastic sleeve)
Conductor cross-section	recommended 0.5–1.5 mm ² maximum 1.6 mm ²
Stripping length	10 mm
Screwdriver size	2.5 x 0.4 mm (3.0 x 0.5 mm) e.g. VDE PB 5100 size 0 (IEC/EN 60900); classic PB 100 size 0; SZS 0.4 x 2.5 VDE; PB 106 size 1

Outputs (solid-state relay)

HLV or SELV, reinforced insulation, OVC III, intended to control auxiliary devices

Number	6
Voltage	12 to 240 VAC/DC
Maximum current for each output	100 mA _{RMS}
Maximum current all outputs together	200 mA _{RMS}
Maximum switching frequency (pulse length 20 ms)	25 Hz
Contact resistance (typical)	13–18 Ohm
Terminal type	spring connection, push-in spring connections are only suitable for solid wires > 0.8 mm ² and stranded wires with ferrules (plastic sleeve)
Conductor cross-section	recommended 0.5–1.5 mm ² maximum 1.6 mm ²
Stripping length	10 mm
Screwdriver size	2.5 x 0.4 mm (3.0 x 0.5 mm) e.g. VDE PB 5100 size 0 (IEC/EN 60900); classic PB 100 size 0; SZS 0.4 x 2.5 VDE; PB 106 size 1

Outputs (mechanical relay)

HLV or SELV, reinforced insulation, intended to control auxiliary devices

Number	1
Relay type	latching
Contact type	change over
Maximum voltage	250 VAC

HLV or SELV, reinforced insulation, intended to control auxiliary devices

Maximum current	10 A
Maximum operations with $\cos \varphi \sim 1$	100 000
Contact resistance (typical)	10 mOhm
Withstand across open contact	1000 VAC
Withstand between contacts	1500 VAC
Terminal type	spring cage clamp
Conductor cross-section	recommended 0.5–2.5 mm ²
Diameter	maximum 2.0 mm
Stripping length	5–6 mm
Screwdriver size	3.5 x 0.6 mm (2.2 x 0.3 mm; 3.0 x 0.5 mm) e.g. VDE PB 5100 size 2 (IEC/EN 60900); VDE PB 5100 size 1 (IEC/EN 60900); VDE PB 5100 size 0 (IEC/EN 60900); classic PB 100 size 1; PB 106 size 1

Weight and dimensions

Weight

approximately 0.12 kg

Dimensions

Width	68 mm
Height	120.4 mm
Depth	31.7 mm

Type designation

Example	E66E-	00.	6 01.	0 02.	A
Brand name					
E66E					
Extension module					
Type of module					
00					
Extension module with digital inputs and outputs					
01					
Reserved (e.g. analogue I/O)					
02					
...					
A0					
Reserved for third-party modules					
Outputs					
6					
Number of solid-state relays					
0					
Number of mechanical relays (non-latching)					
1					
Number of latching relays					
Inputs					
0					
Number of control input					
0					
Number of active control input					
2					
Number of SO input (EN 62053-31, class B)					
Option					
A					
Hardware variant (e.g. to indicate technical data of I/O)					
B					
...					
C					
...					

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