



CENELEC ENEC AGREEMENT © SEV

Agreement on the use of a commonly agreed Mark of Conformity for certain electrical equipment
complying with European Standards

CERTIFICATE to Licence for ENEC Mark of Conformity

System No.5, type testing with assurance of conformity by production and
market surveillance



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Licence ref. no.	101031	
Certificate ref. no.	CH-02-IK-0027.I	
Test report ref. no(s)	02-IK-0027.01	
Name, address of licensee	EAO AG, Tannwaldstrasse 88, CH - 4601 Olten	
Address of factory	EAO AG, Tannwaldstrasse 88, CH - 4601 Olten	
European standards (safety)	EN 61058-1:92 + A1:93	
European standards (EMC)	---	
Other standards	---	
Product	Switches and signal indicators for appliances	(see page 2-4)
Trade mark	eao	
Product identification (type reference)	Series 61	(see page 2-4)
Ratings, characteristics	5A, 250VAC; 0.3A, 50VAC; IP65, 5E4, 25T55 Signal indicator: 48V, max. 1.3W	(see page 2-4)
Degree of protection	IP65	
Classification	See page 2-4	
Limitations	---	
Remarks	Electrical emergency stop device with mechanical latching function according to EN 60947-5-5 are not covered with this certificate.	

Production surveillance acc. to CENELEC harmonized procedure and ENEC requirements.

This document is issued by SEV as National Certification Body within the ENEC scheme.

This document has to be reissued every three years.

Document superseded: ---

**Swiss Electrotechnical Association
National Certification Body**

Hans Roschmann
Product Certification



**SCES 035
(EN 45011)**



**SIS 026
(EN 45004)**

Fehraltorf, 2002.08.13



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Test items particulars:

Type of power connection :	AC, 50/60Hz
Type reference:	unique (U.T.)
Type of switch:	rotary / push-button / key actuated
Pattern number:	1x1:1NO or 1NC, 2x1: 2NO or 2NC, or 1NO +1NC 3x1: 3NO or 3NC, or 2NO+1NC, or 2NC+1NO
Type of switch:	incorporated
Disconnection:	full (impulse switching elements) micro (spring switching elements)
Type of load:	R
Number of cycles:	50000
Degree of protection :	IP65
Ambient temperature, actuating member (°C):	0°C ... +55°C
Ambient temperature, other parts (°C):	-25°C ... +55°C
Category:	D
Degree of pollution:	normal
For appliance class:	II
PTI (V):	175
Type of terminals:	screw- and solder-terminals



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Nomenclature

Kind of actuators, and signal lamps indicators

Series 61 – X X X X . X X X X

A..Z = optional supplementary digit: (unimportant for the approval)

1 = arrow marking on emergency stop actuator
 2 = stop marking on emergency stop actuator
 D = standard key lock DOM
 X = special key lock DOM
 K = standard key lock KABA
 Y = special key lock KABA

2 = soldering terminals
 A..Z = optional supplementary digit: (unimportant for the approval)

0 = black
 4 = yellow
 8 = grey

0 = actuator without key lock
 1 = key abatable in position A
 2 = key abatable in position B
 3 = key abatable in position C
 4 = key abatable in position A and B
 5 = key abatable in position A and C
 6 = key abatable in position B and C
 7 = key abatable in position A, B and C
 9 = illuminated indicator

0 = neutral front for devices with for planar mounting or key lock
 1 = indicator: diameter 18mm
 2 = indicator: 18 x18mm
 3 = indicator: 18 x24mm
 4 = indicator: diameter 24mm
 5 = indicator: 24 x24
 6 = indicator: 25 x25

0 = without actuator function
 1 = impulse function (2 positions)
 2 = raster switch (2 positions)
 3 = illuminated push-button reversible from impulse to raster function
 4 = key lock resetting for emergency stop, or key lock selector actuator
 5 = impulse / impulse function (3 positions)
 6 = raster / raster function (3 positions)
 7 = raster / impulse function (3 positions)
 8 = impulse / raster function (3 positions)

0 = complete signal lamp, indicator
 1 = illuminated push-button
 2 = key lock switch actuator (2 or 3 positions) for emergency stop
 3 = emergency stop switch actuator
 4 = selector switch actuator (2 or 3 positions)
 5 = emergency stop switch actuator with key lock resetting



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Nomenclature

Switching elements

Series 61 - 8 X X X . X X X

- 0 = without contacts
- 1 = silver contacts
- 2 = silver / gold contacts
- 3 = gold contacts

5A 250VAC
5A 250VAC
0.3A 50VAC

- 1 = screw terminals
- 2 = soldering terminals (spring contacts)
- 7 = soldering terminals (impulse contacts)

A..Z = optional supplementary digit: (unimportant for the approval)

- 4 = 1NO and 2NC, spring switching element, 3 positions actuator
- 5 = without lamp terminals
- 6 = element to connect illumination indicator only

- 0 = without auxiliary information's
- 1 = 1 diode
- 2 = 2 diodes

- 0 = without switching functions
- 1 = 1NO
- 2 = 2NO
- 3 = 3NO
- 4 = 1NC
- 5 = 2NC
- 6 = 3NC
- 7 = 1NO, 1NC
- 8 = 1NO, 2NC
- 9 = 2NO, 1NC

- 4 = spring element to 2positions actuator
- 5 = spring element to 3positions actuator
- 6 = impulse element to 2 positions actuator
- 7 = impulse element to 3 positions actuator

- 0 = lamps indicator connecting element, turn signal, (both to illumination indicator member)
- 1 = diode element
- 2 = switching element with diodes

- 8 = switching element