

## Datasheet - EF 220.1



Emergency-Stop button / contact element / contact element EF



(Minor differences between the printed image and the original product may exist!)


### Ordering details

Product type description	EF 220.1
Article number	1144564
EAN code	4030661283500

### Approval

Approval	 USA/CAN
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### Global Properties

Product name	Kontaktelement EF
Standards	IEC/EN 60947-5-5, EN 418
Compliance with the Directives (Y/N) 	Yes
Power switch	Push/selection button, Emergency-Stop button
Contact labelling	11-12; 21-22
Materials	
- Material of the housings	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
- Material of the contacts	Silver
Weight	22 g

### Mechanical data

Connection type	Screw connection
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Cable section	
- Min. Cable section	0,5 mm <sup>2</sup>
- Max. Cable section	2.5 mm <sup>2</sup>
Assembly	pluggable
Mounting flange position	Pos. 1 left
Mechanical life / contact element	10.000.000 operations
Switching frequency	600 /h
restistance to shock	110 g / 4 ms
Bounce duration (100 mm/s)	< 5 ms
Contact opening	> 2 x 1.25 mm

### Ambient conditions

Protection class	IP40
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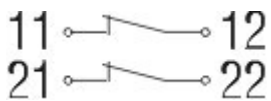
### Electrical data

Design of control element	Opener (NC)
Switching principle	Slow action
Number of shutters	0 piece
Number of openers	2 piece
Number of changers	
Rated insulation voltage U <sub>i</sub>	400 V
Thermal test current I <sub>the</sub>	10 A
Utilisation category	AC-15: 230 V / 8 A DC-13: 24 V / 5 A
Max. fuse rating	10 A gG D-fuse slow blow

### notice

In order to avoid repeating of the same terminal designations in wiring diagrams, contact blocks with the same contact configuration are available with different terminal designations.

### Diagram



Note Diagram

- positive break NC contact
- active
- no active
- Normally-open contact
- Normally-closed contact

### Switch travel diagram



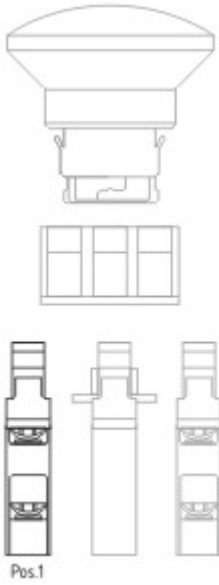
Notes Switch travel diagram

- Contact closed
- Contact open

- ▣ Setting range
  - Ⓛ Break point
  - Ⓟ Positive opening sequence/- angle
- VS** adjustable range of NO contact  
**VÖ** adjustable range of NC contact  
**N** after travel

## Images

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Assembly example

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