

Emergency stops in series with Tina



Approvals:



Application:

To stop a machine
or a process

Features:

- Several E-stops in series to Category 4
- Light beam, E-stop and Eden in the same safety circuit together with Vital/Pluto enables safety category 4 according to EN 954-1
- Indication at every E-stop
- Robust construction
- Info-signal from each E-stop

Several E-stops in series according to Category 4

Our E-stops have built-in Tina 2A or Tina 3A units which makes it easy to connect up to 30 E-stops in a safety circuit according to safety category 4, EN 954-1. The safety circuit which is dynamic is monitored either by the Pluto safety-PLC or the Vital safety module.

LEDs which indicate status

On every E-stop with Tina units there are LEDs which show the status of each individual E-stop. The E-stop status information signal is also available via the Tina unit connection cable.

Our E-stops are available in three versions

- E-stop with Tina 2A with cable connection for connection to the dynamic circuit of Pluto or Vital
- E-stop with Tina 3A with M12 connector connection to the dynamic circuit of Pluto or Vital.
- E-stop only with positive forced disconnect dual contacts for cable connection (traditional E-stop)

Standards and regulations

The E-stop is designed to fulfill the standards and regulations that apply. Example of such standards are EN 418 (E-stop norm).

Technical data - E-stops

Ordering data

30 001-10 JSKL1-NS/2A
 30 001-11 JSKL1-NS/3A
 30 003-02 JSKL1-NS

E-stop with Tina2A
 E-stop with Tina3A
 E-stop with 2NC

Degree of protection according to

IEC/EN 60529

IP67

Climatic proofing

Constant according to IEC 60068-2-3;
 Cyclical according to IEC 60068-2-30

LED's on Tina 2A, 3A

Green: E-stop OK, Safety circuit OK
 Flashing: E-stop OK, Safety circuit broken
 Red: E-stop broken, Safety circuit broken

Ambient operating temperature

-25°C - 70°C

Mechanical shock resistance according to IEC 60068-2-27

>50 G

Shock duration

11 ms, half-sinusoidal

For additional information concerning Tina units, see the Tina chapter.

Contacts:

Rated insulation

Voltage, U_i

500V

Max. short-circuit protective device

Fuse, gG/gL

10A

Mechanical life

10⁵ Operations

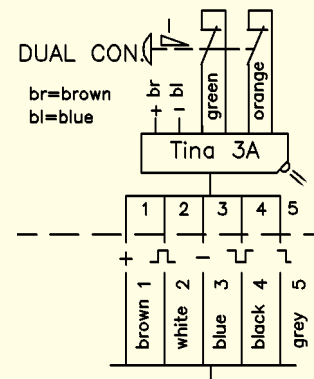
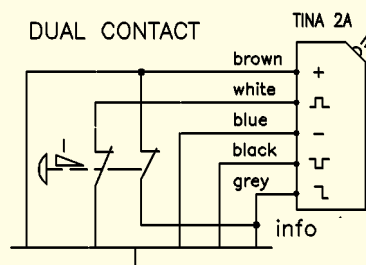
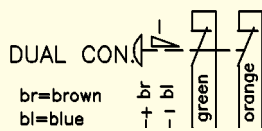
Max. operating frequency

10 Operations/min

Operating force

50 N

Electrical connection - E-stops



Dimensions - E-stops

