



Security Lock Compact 2NC
Notes on Use and Installation

Function

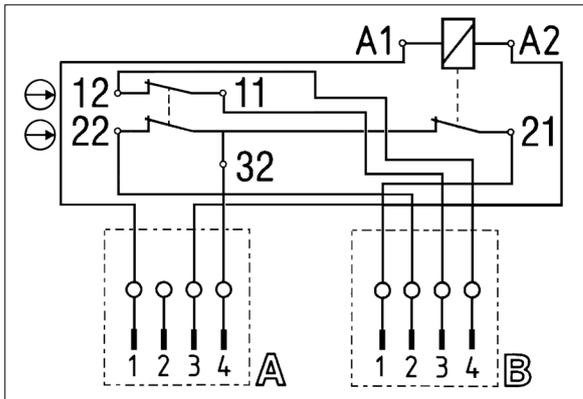
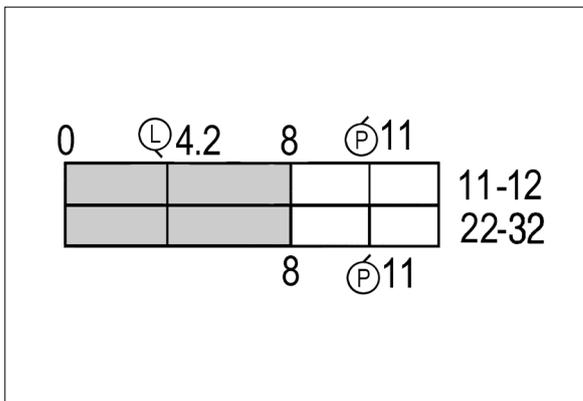


Illustration showing the positions of the switch in the zero current state and with the actuator pressed in.



Switch travel in mm of the safety contacts 22-32 and 11-12.

P : mechanical constrained opening of the safety contact

L : opening of the latch (latching force 30N).

The security contacts 22-32/11-12 are mechanically closed when the actuator is pressed in. The actuator is held firmly in the Security Lock by a spring-loaded pawl and cannot be extracted again until the switch has been electrically released.

Circuitry

The security contacts are forced open again when the actuator is extracted from the switch.

It is only possible to extract the actuator from the Security Lock if there is the nominal control voltage (24 V AC/DC or 230 V AC) across the solenoid A1-A2. The supply must be an external supply from the machine control system.

In the event of a power failure, it is possible to release the Compact Security Lock using the triangular socket wrench supplied (manual emergency opening). The locking force of 30 N acting on the actuator in its depressed state has to be applied additionally in order to extract it from the switch.

Contact assignment

The contacts in the Security Switch leads are assigned as follows:

Pin	1	2	3	4
Code A / Code B	brown	white	blue	black

Control category

If used in conjunction with additional security modules (interrogating modules), the Compact Security Lock can be used for security applications up to Category 4 as defined in EN 954-1.

Product development and documentation

A process of continuous product development ensures that products from item Industrietechnik GmbH always exhibit a high standard of innovation.

Consequently, there could be inconsistencies between this guide and the product you have acquired. item Industrietechnik GmbH can also not exclude the possibility of errors. We therefore ask for your understanding that the information, illustrations and descriptions provided here cannot constitute an entitlement to any claims.

You can find the latest version of this user guide at www.item24.com.

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item Industrietechnik GmbH
Friedenstrasse 107-109
42699 Solingen
Germany
+49 212 6580 0
info@item24.com
item24.com