MADE IN GERMANY

SCHLEGEL®
ELEKTROKONTAKT
Faszination Elektrotechnik

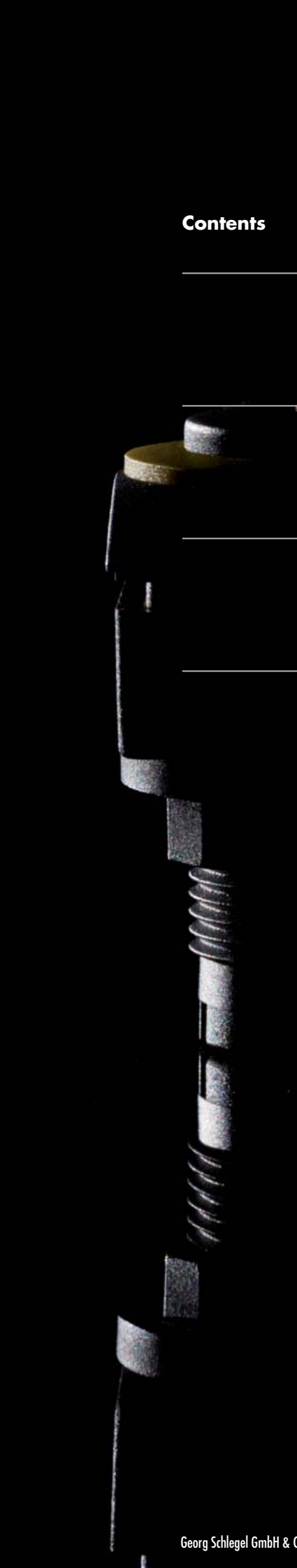
emergency-stops with illuminated status indication active/inactive

8-9-0

clear status indication
increased safety
easy handling

Contents

For detailed information, please refer to www.schlegel biz and our product catalogue



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Emergency-Stops Active/Inactive

made in germany

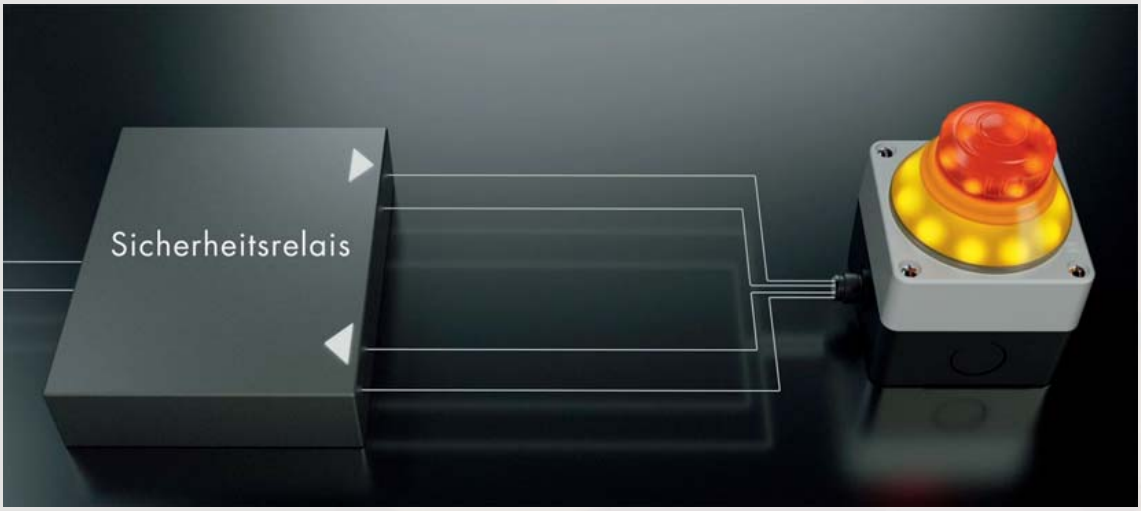
SCHLEGEL® ELEKTROKONTAKT

Emergency-Stops With Illuminated Status Indication Active/Inactive

The functional principle: If the plant part equipped with the fix mounted emergency-stop – for example as a module of a production line – is in operation, the actuator is active and signals its readiness for operation by a red illumination. If the module is disconnected from the production line, the emergency-stop is inactive, is no longer illuminated and remains grey. Thus, in case of emergency an inadvertent operation of the inactive emergency-stop is being significantly reduced, as it is no longer identified as emergency-stop. The Schlegel active/inactive emergency-stops fulfil the requirements of the standard DIN EN ISO 13850:2015.

Active illuminated emergency-stops, like e.g. SIL_QRBDUVOOM125 are additionally equipped with an integrated diagnostic unit. It steadily monitors the illumination status and thus ensures the perceptibility of an active emergency-stop. If there is a total or only partial failure of the illumination the emergency-stop signal is activated automatically and the installation is put into the safe status.

The active illuminated emergency-stop buttons are available for the following panel cut-outs:
- → Ø 16.2 mm
- → Ø 22.3 mm
- → plug & play solution in an enclosure with mounting plate and M12 connector for a quick and easy installation



Functional principle of SIL_QRBDUVOOM125 with diagnostic unit

Quick perceptibility in active condition

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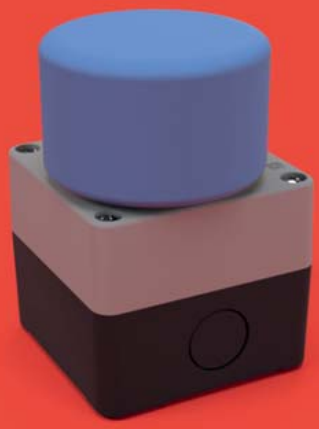
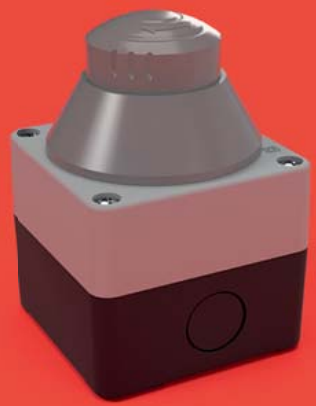
... what is it for?

According to the previous valid standard DIN EN ISO 13850:2015 an inactive emergency-stop had to be covered in order to avoid any mix-up in case of emergency. In practice, however, this is not always easily feasible or, at the worst, even is ignored. An erroneous operation of the inactive emergency-stop could then have catastrophic results.

- → a mix-up of active and inactive emergency-stops can be excluded
- → inactive emergency-stops must no longer be covered or locked away
- → very good visibility, even in case of poor light conditions

	Installation in operation	Installation out of operation
conventional emergency-stops		
emergency-stops with illuminated status indication active/inactive		

Active illuminated emergency-stop with status indication active (illuminated) / inactive (non-illuminated) with diagnostic unit

- integrated diagnostic unit to monitor the illumination
- reliable through redundancy
- quick and easy to install (opening of the housing is not necessary)
- plug & play

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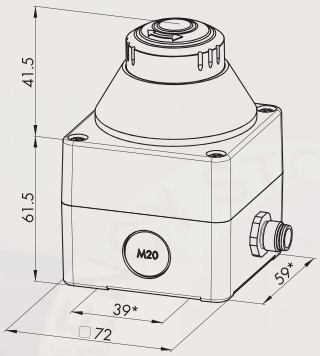
Emergency-Stop Head

Illustration	Dimensions	Description	Type

IP65



Active Illuminated Emergency-Stop with status indication active (illuminated) / inactive (non-illuminated) with diagnostic unit

- red illuminated emergency-stop acc. to EN ISO 13850:2015
- the emergency-stop is only illuminated in active status, in inactive status it is non-illuminated and cannot be identified as emergency-stop (grey), the emergency-stop function is deactivated in the inactive status
- the integrated diagnostic unit monitors the status of the illumination permanently
- in case of a complete or only partial failure of the illumination the emergency-stop signal is activated immediately
- anti-lock collar yellow illuminated, continuously flashing when operated until it is released
- useable on different evaluation units
- M12 connection and mounting plate for a quick installation (plug & play)
- 2 NC

Possible applications, e.g.:
- modular production plants

Foolproof	Yes
Switching position indicator	No
Anti-lock collar	Yes
Release	twist right or left
Standard	EN 60204-1, EN ISO 13849-1, EN ISO 13850, EN 60947-5-5

mushroom head	red/grey		SIL_QRBDUVOOM125
front bezel	yellow/grey		

Emergency Stops

Emergency-Stops Active/Inactive

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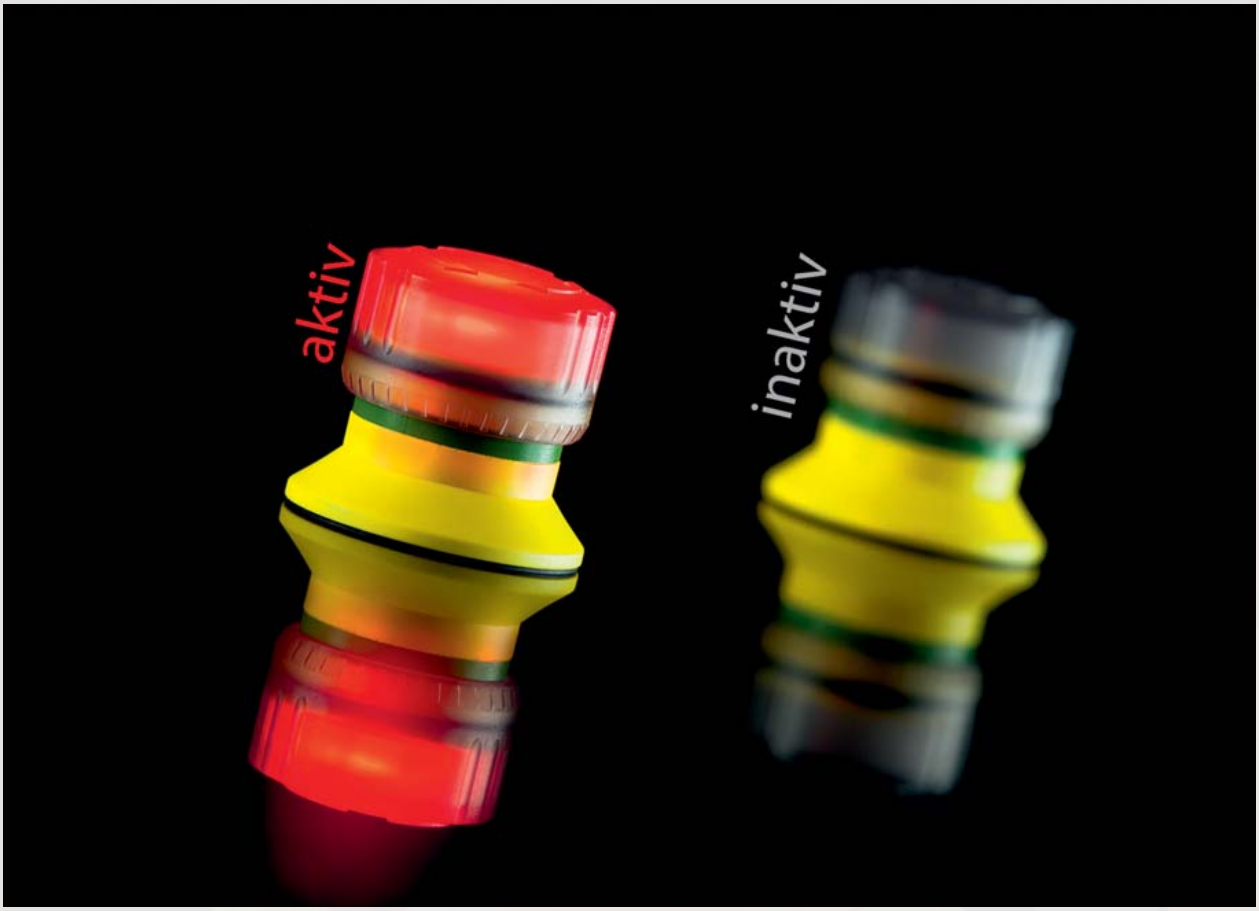
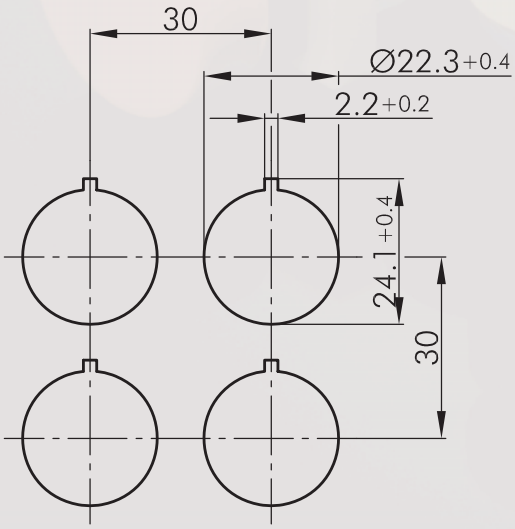
SCHLEGEL® ELEKTROKONTAKT

Active illuminated safety emergency-stop with status indication active/inactive

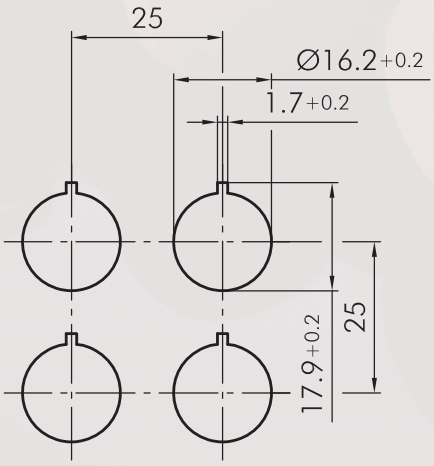
- compact dimensions
- less mounting depth
- for mounting diameter 16.2 mm and 22.3 mm
- suitable for handheld terminals



FRVKDOO_R0



YVDOO_R0



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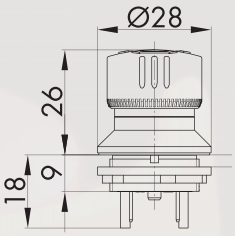
Emergency-Stop Head

Illustration	Dimensions	Description	Type

IP65 IP67



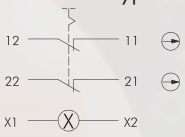
Active Illuminated Emergency-Stop with status indication active (illuminated) / inactive (non-illuminated)

- red illuminated emergency-stop (active) acc. to EN ISO 13850:2015
- LED with 0-ohm resistor
- delivery without external LED monitoring
- less mounting depth
- 2 NC

Possible applications, e.g.:

- pluggable or wireless operator stations
- pluggable system components which are stationary available but only temporarily in operation

Foolproof	Yes
Switching position indicator	Yes
Anti-lock collar	No
Release	twist right or left
Standard	ISO 13850:2015(E), EN ISO 13850:2015(D), DIN EN ISO 13850:2016-05
Connection type	Faston terminals 2.8x0.8 mm



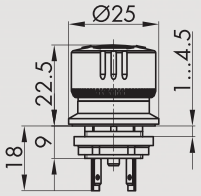
mushroom head	red/grey	
front bezel	yellow	

FRVKDOO_R0

Emergency-Stop Head

Illustration	Dimensions	Description	Type

IP65
IP67



Active Illuminated Emergency-Stop with status indication active (illuminated) / inactive (non-illuminated)

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Foolproof	Yes
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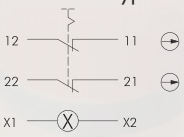
Anti-lock collar	No
Release	twist right or left
Standard	ISO 13850:2015(E), EN ISO 13850:2015(D), DIN EN ISO
Connection type	Faston terminals 2.8 mm x 0.5 mm



mushroom head	red/grey		**YVD0O_R0**
front bezel	yellow		

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