





Safe and Optically Appealing Emergency-stop Buttons

The user can choose from a wide range of TÜV certified emergency-stop buttons by Schlegel and DUX for panel cut-outs of different shapes and dimensions (16mm, 22mm, 30mm...) which can be combined with both, the standard and ASi contact units. The actuators are well known for their modern and attractive design combining mechanical robustness and outstanding functionality, featuring e.g. a clearly visible switching position indicator, a twist release (in either direction) or pull release and tightness from IP65 to IP69K, depending on the model.

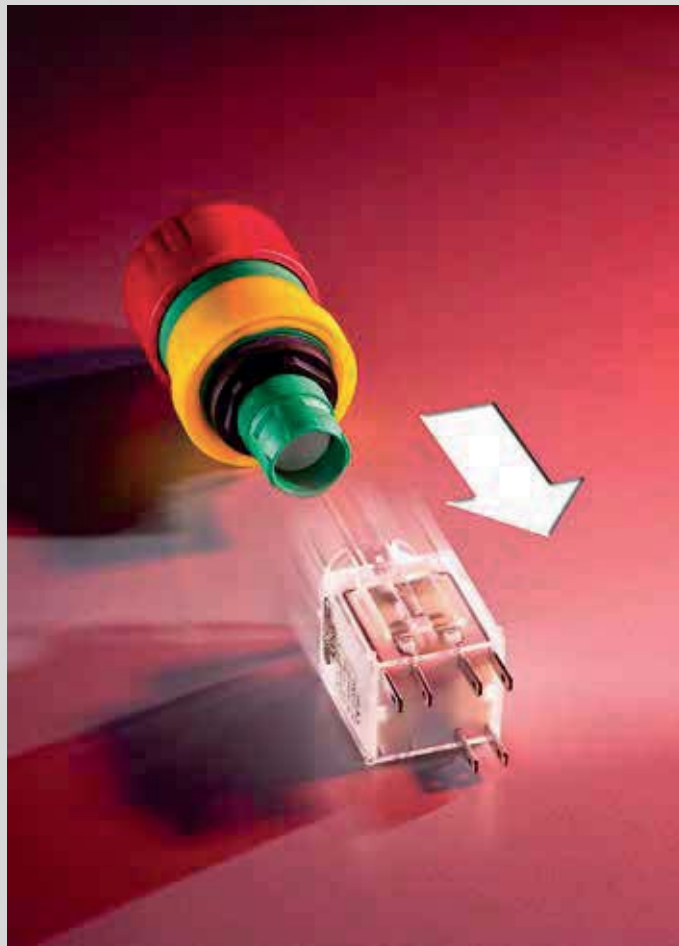
Safety Contact Blocks for Emergency-stop Buttons

Even redundant, secure emergency-stop chains are ineffective unless the contact block is accurately connected with the emergency-stop button. The safety contact blocks by Schlegel Elektrokontakt are the response to this danger that may occur e.g. as a result of a negligent assembly or a mechanical damage. In such a situation they ensure that the emergency function is activated and the installation is switched off immediately. It can only be restarted after successful trouble-shooting.

The contact blocks are available with screw connections or Faston terminals and do have positive opening contacts acc.to IEC60947-5-1. They can be supplied with one or two channels and also, when combined with the appropriate E-stop button, in a foolproof version acc. to EN60947-5-5 and EN13850. The high-quality contact elements allow reliable switching even of low currents (5mA at 24V or less). They are available as conventional contact blocks as well as for AS-Interface application (Safety@Work).




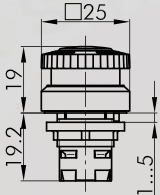




Safety@Work

Safety@Work is an extension of the existing ASi system by safety-related components, such as e.g. emergency stop switches. The great advantage is that standard and safety-related ASi slaves can be used in one and the same system. That means an existing ASi network consisting of ASi master, power supply and slaves, is simply extended by a safety monitor and safe ASi slaves. Safety@Work is based on the standard ASi protocol reaching the safety integrity level 3. As base serves the transmission of dynamic code sequences which are stored in each safe ASi slave.


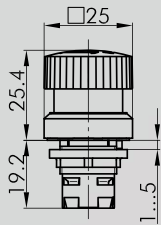



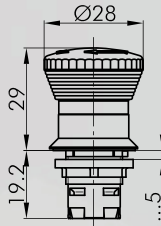



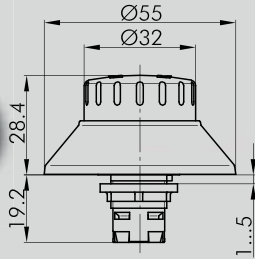




Automatic switch off on separation of the contact block from the emergency-stop button


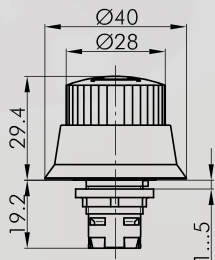



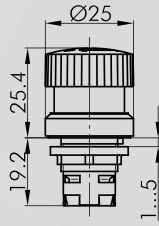



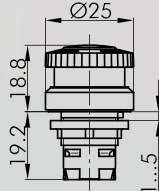


Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		<p>Emergency-stop Head Other mushroom colours on request</p> <p>Series OKTRON</p> <p>Mounting diameter Ø 16 mm</p> <p>foolproof No</p> <p>switching position indicator No</p> <p>anti-lock collar No</p> <p>release twist right or left</p> <p>suitable contact blocks</p> <p>AZ BZ  PTP PTF</p> <p>mushroom head red</p> <p>front bezel yellow</p>	OKVGB
		<p>Emergency-stop Head with illuminating and labelling option including blank nameplate (inscription on request)</p> <p>Series OKTRON</p> <p>Mounting diameter Ø 16 mm</p> <p>foolproof No</p> <p>switching position indicator No</p> <p>anti-lock collar No</p> <p>release twist right or left</p> <p>suitable contact blocks</p> <p>BZ </p> <p>mushroom head red</p> <p>front bezel yellow</p>	OKVLBGB
		<p>Nameplate with special imprint as per customer's specification</p>	BSRJB
		<p>Nameplate with standard imprint, please specify index number (see nameplates on pages 410)</p>	BSRJ...
		<p>Blank Nameplate</p>	BSRJU





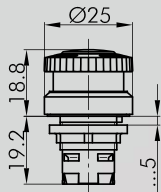








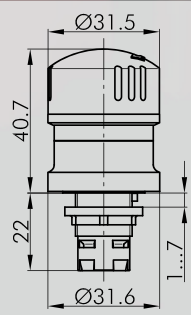







Emergency Stop Buttons

Illustration	Dimensions	Description	Type
 <p>IP65 3mm</p>		Emergency-stop Head Series OKTRON Mounting diameter Ø 16 mm foolproof Yes switching position indicator No anti-lock collar No release twist right or left Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850  suitable contact blocks  mushroom head red front bezel yellow	OKUVGB
 <p>IP65 3mm</p>		Emergency-stop Head with snap-action mechanism Series OKTRON-R Mounting diameter Ø 16 mm foolproof Yes switching position indicator Yes anti-lock collar No release twist right or left Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850  suitable contact blocks  mushroom head red front bezel yellow	RKUV28
 <p>IP65 3mm</p>		Emergency-stop Head Series OKTRON-R Mounting diameter Ø 16 mm foolproof Yes switching position indicator Yes anti-lock collar Yes release twist right or left Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850  suitable contact blocks  mushroom head red front bezel yellow	RKUV32


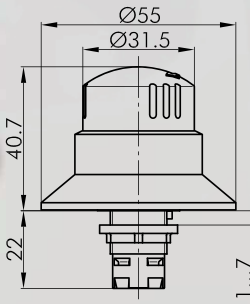

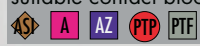

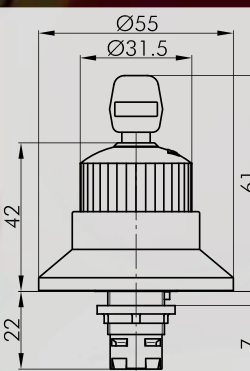

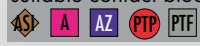

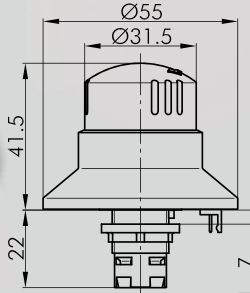

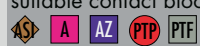
Emergency Stop Buttons

Illustration	Dimensions	Description	Type
 <p>IP65 3mm</p>		Emergency-stop Head Series OKTRON-R Mounting diameter Ø 16 mm foolproof Yes switching position indicator No anti-lock collar Yes release twist right or left Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850	
		 suitable contact blocks  mushroom head red front bezel yellow	RKUV40
 <p>IP65 3mm</p>		Emergency-stop Head Series OKTRON-R Mounting diameter Ø 16 mm foolproof Yes switching position indicator No anti-lock collar No release twist right or left Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850	
		 suitable contact blocks  mushroom head red front bezel yellow	RKUVGB
 <p>IP65 3mm</p>		Emergency-stop Head Other mushroom colours on request Series OKTRON-R Mounting diameter Ø 16 mm foolproof No switching position indicator No anti-lock collar No release twist right or left Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850	
		 suitable contact blocks  mushroom head red front bezel yellow	RKVGB


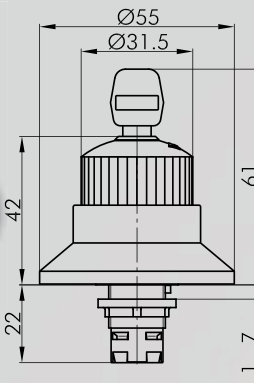








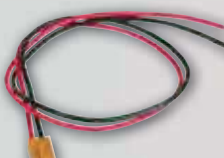

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
    		Emergency-stop Head incl. blank nameplate (inscription on request) Series OKTRON-R Mounting diameter Ø 16 mm foolproof No switching position indicator No anti-lock collar No release twist right or left 	
		suitable contact blocks  	
		mushroom head red front bezel yellow	RKVLBGB
		Nameplate with special imprint as per customer's specification	BSRJB
		Nameplate with standard imprint, please specify index number (see nameplates on pages 410)	BSRJ...
		Blank Nameplate	BSRJU
  		Emergency-stop Head Series RX Mounting diameter Ø 16 mm foolproof Yes switching position indicator Yes anti-lock collar No release twist right or left Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850  	
		suitable contact blocks     	
		mushroom head red front bezel yellow	RXUV


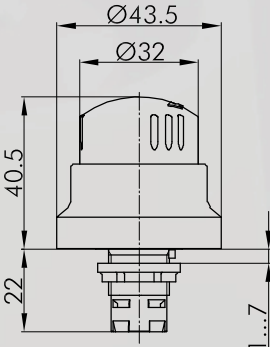


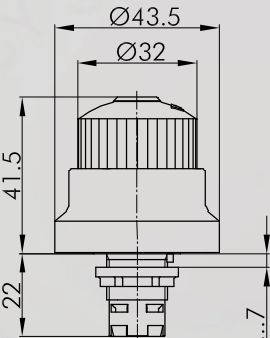


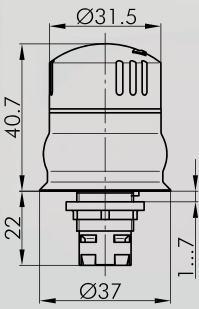


Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		Emergency-stop Head Series RX Mounting diameter Ø 16 mm foolproof Yes switching position indicator Yes anti-lock collar Yes release twist right or left Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850	
		 suitable contact blocks  mushroom head red front bezel yellow	RXBUY
		Emergency-stop Head Series RX Mounting diameter Ø 16 mm foolproof Yes switching position indicator Yes anti-lock collar Yes release key release Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850	
		 suitable contact blocks  mushroom head red front bezel yellow	RXBUYSE
		Illuminated Emergency-stop Head 24V / 15mA AC/DC Connection of the LED ring illumination possible via VK_BKL043 or VK_JST025BKL Series RX Mounting diameter Ø 16 mm foolproof Yes switching position indicator Yes anti-lock collar Yes release twist right or left Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850	
		 suitable contact blocks  mushroom head red front bezel yellow	RXBLUV


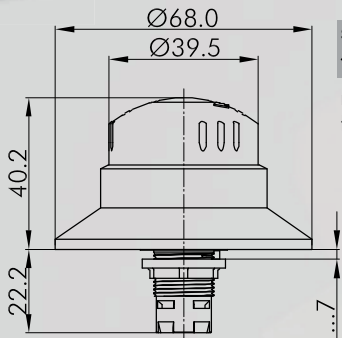


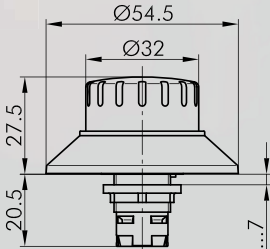

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
 <p>IP65</p>		<p>Illuminated Emergency-stop Head 24V DC / 15mA AC /DC, Connection of the LED ring illumination possible via VK_BKL043 or VK_JST025BKL Series RX Mounting diameter Ø 16 mm foolproof Yes switching position indicator Yes anti-lock collar Yes release key release Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850</p> <p>   </p> <p>suitable contact blocks</p> <p>      </p> <p> mushroom head red front bezel yellow </p>	RXBLUVSE
		<p>Connection Cable serves to connect an illuminated emergency-stop pushbutton to a AS-Interface slave (Safety at Work), 2-core strand, red/black, 0.25 mm², with male connector crimped on both sides, length: approx. 10 cm</p>	VK_JST025BKL
		<p>Connection Cable with open end, serves to connect the illuminated emergency stops to a voltage source. Length: approx. 30 cm, cross section 0.34 mm² (AWG22)</p>	VK_BKL034
		<p>Verbindungskabel mit offenem Ende, z. B. zum Anschluss einer externen LED-Signalleuchte an einen AS-Interface-Slave (Safety at Work), 2-adrige Litze, rot/schwarz, 0.34mm² mit einseitig angecrimptem Steckverbinder. Länge: ca. 10 cm</p>	VK_JST034

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		Emergency-stop Head Series RX Mounting diameter Ø 16 mm foolproof Yes switching position indicator Yes anti-lock collar Yes release twist right or left Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850	
		suitable contact blocks  mushroom head red front bezel yellow	RXBUV43
		Emergency-stop Head Series RX Mounting diameter Ø 16 mm foolproof Yes switching position indicator Yes anti-lock collar Yes release key release Standard EN 60947-5-1, EN 60947-5-5, EN ISO 13850	
		suitable contact blocks  mushroom head red front bezel yellow	RXBUVSE43
		Emergency-stop Head for hygienic applications Cannot be used with threaded adapter R16x1! Conforms to BG (= Employer's Liability Insurance Association) in accordance with DIN EN 1672-2 and GS-FW 01/01 Series RX Mounting diameter Ø 16 mm foolproof Yes switching position indicator No anti-lock collar No release twist right or left Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850	
		 suitable contact blocks  mushroom head red front bezel yellow	RXUV

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		Emergency-stop Head Series RX Mounting diameter Ø 16 mm foolproof Yes switching position indicator Yes anti-lock collar Yes release twist right or left Standard EN 60947-5-1, EN 60947-5-5, EN ISO 13850	
		suitable contact blocks  mushroom head red front bezel yellow	RXBUV70
		Emergency-stop Head Series RX Mounting diameter Ø 16 mm foolproof No switching position indicator No anti-lock collar Yes release twist Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850	
		suitable contact blocks  mushroom head red front bezel yellow	XFV32

Emergency Stop Buttons Mushroom Heads

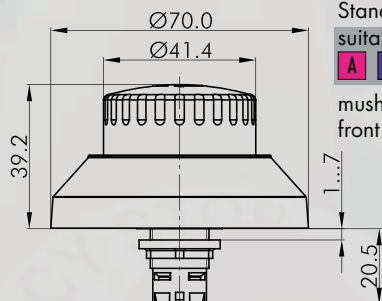
Illustration

Dimensions

Description

Type

IP65



Emergency-stop Head

Series RX
Mounting diameter Ø 16 mm
foolproof Yes
switching position indicator No
anti-lock collar Yes
release twist
Standard EN ISO 13850, IEC/EN 60947-5-1

suitable contact blocks

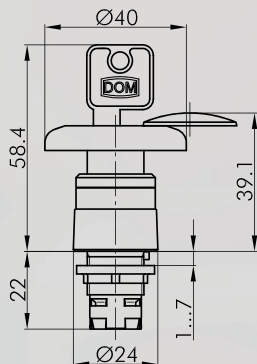
A **AZ** **PTP** **PTF**

mushroom head red
front bezel yellow

XUV

IP65

6mm



Mushroom Head, latch-type

latching in depressed position, key reset, with keyhole cover

Series RX
Mounting diameter Ø 16 mm
switching position indicator No
anti-lock collar No
release key release

suitable contact blocks

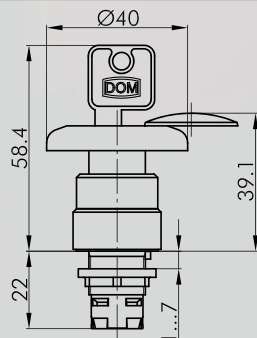
A **AZ** **PTP** **PTF**

mushroom head red
front bezel charcoal

RXVSCH

IP65

6mm



Mushroom Head, latch-type*

latching in depressed position, key reset, with keyhole cover

Series QUARTRON
Mounting diameter Ø 16 mm
switching position indicator No
anti-lock collar No
release key release

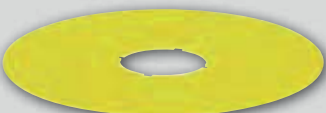
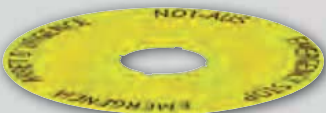

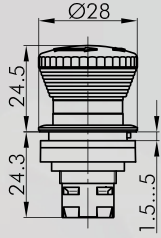


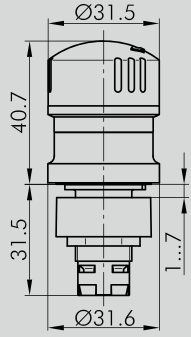

suitable contact blocks

A **AZ** **PTP** **PTF**

mushroom head red
front bezel black charcoal

QXVSCH
QXVSCHDG

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		Yellow Nameplate self-adhesive PVC foil printing on request outer dia. 60 mm for mounting dia. 16 mm Series QUARTRON Mounting diameter Ø 16 mm colour yellow	NAS_16
		Yellow Nameplate with quadrilingual imprint self-adhesive PVC foil outer dia. 60 mm for mounting dia. 16 mm Series QUARTRON Mounting diameter Ø 16 mm colour yellow	NAS_16_548
 		Emergency-stop Head Series RONTRON-RJUWEL Mounting diameter Ø 22 mm foolproof Yes switching position indicator Yes anti-lock collar No release twist right or left Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850	RRJUV
		suitable contact blocks  mushroom head red front bezel yellow	
 		Emergency-stop Head Series RXJUWEL Mounting diameter Ø 22 mm foolproof Yes switching position indicator Yes anti-lock collar No release twist right or left Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850	RXJUV
		suitable contact blocks  mushroom head red front bezel yellow	

Emergency Stop Buttons Mushroom Heads

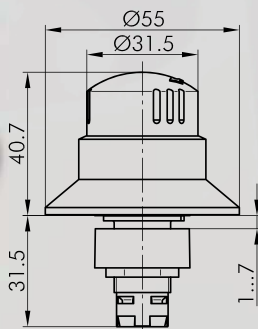
Illustration

Dimensions

Description

Type

IP65

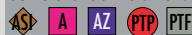


Emergency-stop Head

Series	RX-JUWEL
Mounting diameter	Ø 22 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	Yes
release	twist right or left
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



suitable contact blocks

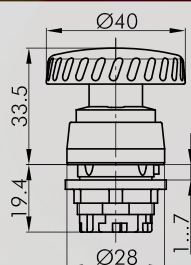


mushroom head	red
front bezel	yellow

RXJBUV

IP65

6mm



Mushroom Head, latch-type

Other mushroom colours on request

Series	RONDEX
Mounting diameter	Ø 22 mm
foolproof	No
switching position indicator	No
anti-lock collar	No
release	twist
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



suitable contact blocks



mushroom head	red
front bezel	charcoal

RV

Mushroom Heads

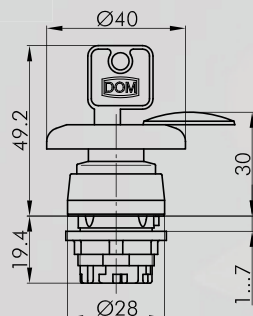
Illustration

Dimensions

Description

Type

IP65



Mushroom Head, latch-type

with keyhole cover

Series RONDEX
Mounting diameter Ø 22 mm
foolproof No
switching position indicator No
anti-lock collar No
release key release
Standard DIN EN 60204/VDE 0113

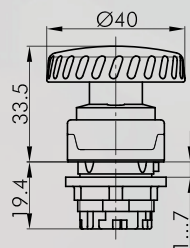
suitable contact blocks



mushroom head red
front bezel charcoal

RVSCH

IP65



Mushroom Head, latch-type

with pressure point to avoid accidental actuation

Series RONDEX-M
Mounting diameter Ø 22 mm
foolproof No
switching position indicator No
anti-lock collar No
release twist
Standard DIN EN 60204/VDE 0113

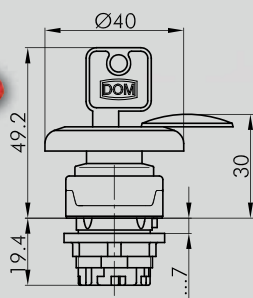
suitable contact blocks



mushroom head red
front bezel metallic/charcoal

RMCV

IP65



Mushroom Head, latch-type

with keyhole cover

Series RONDEX-M
Mounting diameter Ø 22 mm
foolproof No
switching position indicator No
anti-lock collar No
release key release
Standard DIN EN 60204/VDE 0113


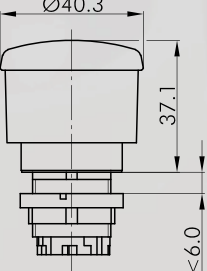



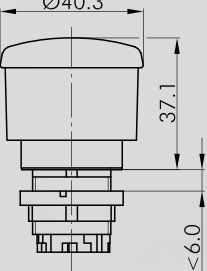



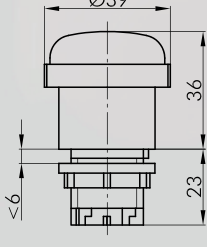


suitable contact blocks




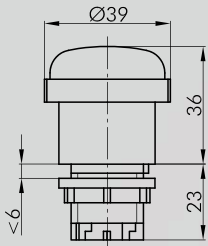


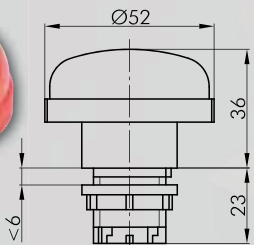


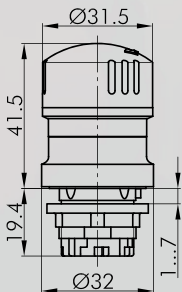

mushroom head red
front bezel metallic/charcoal

RMCV SCH

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		Emergency-stop Head Series DUX-Basic Mounting diameter Ø 22 mm switching position indicator Yes anti-lock collar No release pull Standard EN ISO 13850, EN 81-2 	
		suitable contact blocks  mushroom head red front bezel black green	DXRV540S DXRVG40S
		Emergency-stop Head with inscription Series DUX-Basic Mounting diameter Ø 22 mm switching position indicator Yes anti-lock collar No release pull Standard EN ISO 13850, EN 81-2 	
		suitable contact blocks  mushroom head red front bezel green black	DXRVG40SS DXRVS40SS
		Emergency-stop Head Series DUX-Basic Mounting diameter Ø 22 mm switching position indicator No anti-lock collar No release twist 	
		suitable contact blocks  mushroom head red front bezel polished grey black	DXRV39MRT DXRV39GRT DXRV39SRT

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
<div><div>IP65</div></div>		<div><div>Emergency-stop Head with arrow</div><div><div>Series</div><div>DUX-Basic</div></div><div><div>Mounting diameter</div><div>Ø 22 mm</div></div><div><div>switching position indicator</div><div>Yes</div></div><div><div>anti-lock collar</div><div>No</div></div><div><div>release</div><div>twist</div></div><div><div>Standard</div><div>EN 81-2</div></div><div><div>suitable contact blocks</div><div></div></div><div><div>mushroom head</div><div>red</div></div><div><div>front bezel</div><div>grey</div></div></div>	<div>DXRV39PF</div>
<div><div>IP65</div></div>		<div><div>Emergency-stop Head</div><div><div>Series</div><div>DUX-Basic</div></div><div><div>Mounting diameter</div><div>Ø 22 mm</div></div><div><div>switching position indicator</div><div>No</div></div><div><div>anti-lock collar</div><div>No</div></div><div><div>release</div><div>twist</div></div><div><div>suitable contact blocks</div><div></div></div><div><div>mushroom head</div><div>red</div></div><div><div>front bezel</div><div>polished</div><div>grey</div><div>black</div></div></div>	<div>DXRV52MRT</div> <div>DXRV52GRT</div> <div>DXRV52SRT</div>
<div><div>IP65</div><div>IP69K</div></div>		<div><div>Emergency-stop Head</div><div><div>Series</div><div>QUARTEX-R</div></div><div><div>Mounting diameter</div><div>Ø 22 mm</div></div><div><div>foolproof</div><div>Yes</div></div><div><div>switching position indicator</div><div>Yes</div></div><div><div>anti-lock collar</div><div>No</div></div><div><div>release</div><div>twist right or left</div></div><div><div>Standard</div><div>EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850</div></div><div><div>suitable contact blocks</div><div></div></div><div><div>mushroom head</div><div>red</div></div><div><div>front bezel</div><div>yellow</div></div></div>	<div>QRUV</div>

Emergency Stop Buttons

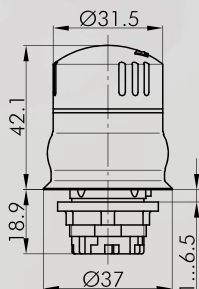
Illustration

Dimensions

Description

Type

IP66
IP69K



Emergency-stop Head for hygienic applications

conforms to BG (= Employer's Liability Insurance Association) in accordance with DIN EN 1672-2 and GS-FW 01/01

Series QUARTEX-R
Mounting diameter Ø 22 mm
foolproof Yes
switching position indicator No
anti-lock collar No
release twist right or left
Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



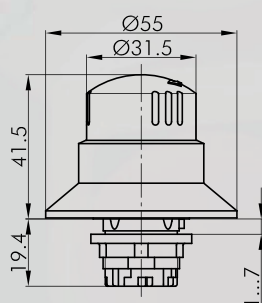
suitable contact blocks



mushroom head red
front bezel yellow

QRUV

IP65
IP69K



Emergency-stop Head

Series QUARTEX-R
Mounting diameter Ø 22 mm
foolproof Yes
switching position indicator Yes
anti-lock collar Yes
release twist right or left
Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



suitable contact blocks



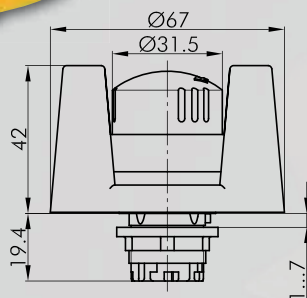
mushroom head red
front bezel yellow

QRBU

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
--------------	------------	-------------	------

IP65
IP69K



Emergency-stop Head with protective shroud

NOTE: The user must ensure the emergency stop with protective shroud to be easy accessible!

Series	QUARTEX-R
Mounting diameter	Ø 22 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	Yes
release	twist right or left
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



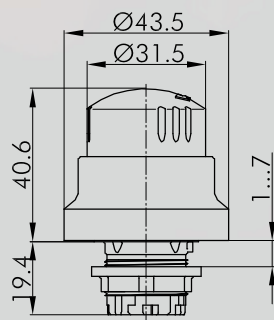
suitable contact blocks



mushroom head	red
front bezel	yellow

QRSKUV

IP65



Emergency-stop Head

Series	QUARTEX-R
Mounting diameter	Ø 22 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	Yes
release	twist right or left

suitable contact blocks



mushroom head	red
front bezel	yellow

QRBUV43

Emergency Stop Buttons

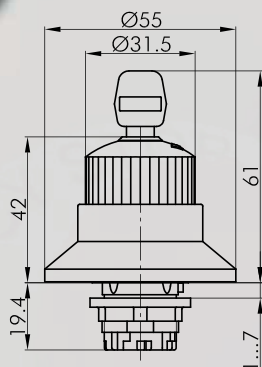
Illustration

Dimensions

Description

Type

IP66



Emergency-stop Head

Series	QUARTEX-R
Mounting diameter	Ø 22 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	Yes
release	key release
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



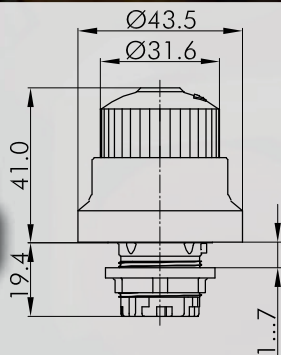
suitable contact blocks



mushroom head	red
front bezel	yellow

QRBUVSE

IP66



Emergency-stop Head

Series	QUARTEX-R
Mounting diameter	Ø 22 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	Yes
release	key release
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850

suitable contact blocks



mushroom head	red
front bezel	yellow

QRBUVSE43

Emergency Stop Buttons

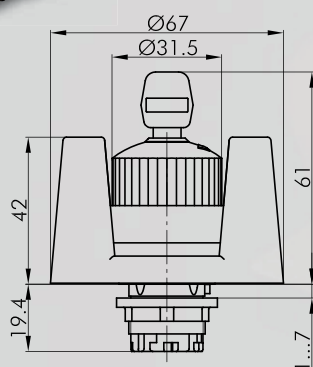
Illustration

Dimensions

Description

Type

IP66



Emergency-stop Head with protective shroud

NOTE: The user must ensure the emergency stop with protective shroud to be easy accessible!

Series	QUARTEX-R
Mounting diameter	Ø 22 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	Yes
release	key release
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



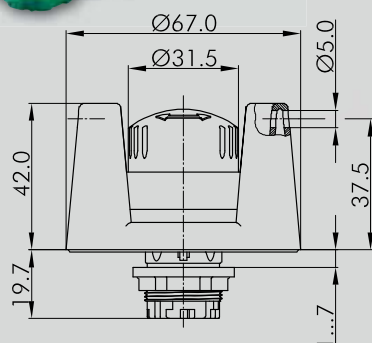
suitable contact blocks



mushroom head	red
front bezel	yellow

QRSKUVSE

IP65



Emergency-stop Head

In its active state, the emergency-stop head can be latched with a U-lock.

The U-lock is not included with the delivery scope.

Note: The user must ensure easy accessibility of the E-stop with protective collar!

Series	QUARTEX-R
Mounting diameter	Ø 22 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	Yes
release	twist right or left




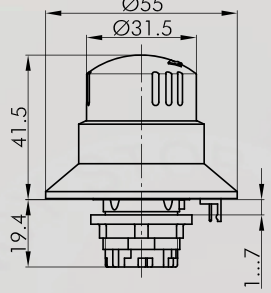










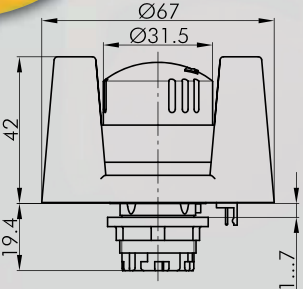







suitable contact blocks



mushroom head	red
front bezel	yellow

QRSKUV_556

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
   		<p>Illuminated Emergency-stop Head with illuminated anti-lock collar, 24V / 15mA AC/DC, connection of LED ring illumination possible via VK_BKL043, VK_JST025BKL or MAL</p> <p>Series QUARTEX-R</p> <p>Mounting diameter Ø 22 mm</p> <p>foolproof Yes</p> <p>switching position indicator Yes</p> <p>anti-lock collar Yes</p> <p>release twist right or left</p> <p>Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850</p> <p>  </p> <p>suitable contact blocks</p> <p>   </p> <p>mushroom head red</p> <p>front bezel yellow</p>	QRBLUV
   		<p>Emergency-stop Head with illuminated protective shroud 24V / 15mA AC/DC, connection of LED ring illumination possible via VK_BKL043, VK_JST025BKL or MAL</p> <p>NOTE: The user must ensure the emergency stop with protective shroud to be easy accessible!</p> <p>Series QUARTEX-R</p> <p>Mounting diameter Ø 22 mm</p> <p>foolproof Yes</p> <p>switching position indicator Yes</p> <p>anti-lock collar Yes</p> <p>release twist right or left</p> <p>Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850</p> <p>  </p> <p>suitable contact blocks</p> <p>   </p> <p>mushroom head red</p> <p>front bezel yellow</p>	QRSKLUV

Emergency Stop Buttons

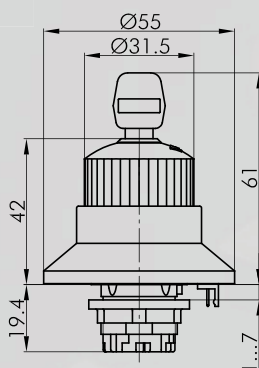
Illustration

Dimensions

Description

Type

IP65



Illuminated Emergency-stop Head

with illuminated anti-lock collar, 24V / 15mA AC/DC, connection of LED ring illumination possible via VK_BKL043, VK_JST025BKL or MAL

Series	QUARTEX-R
Mounting diameter	Ø 22 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	Yes
release	key release
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



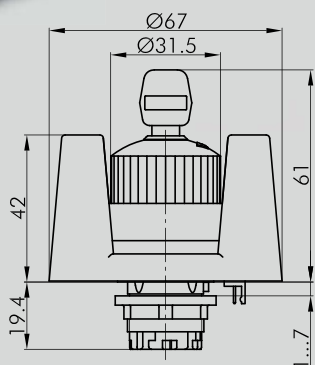
suitable contact blocks



mushroom head	red
front bezel	yellow

QRBLUVSE

IP65



Emergency-stop Head with illuminated protective shroud

24V / 15mA AC/DC, connection of LED ring illumination possible via VK_BKL043, VK_JST025BKL or MAL

NOTE: The user must ensure the emergency stop with protective shroud to be easily accessible!

Series	QUARTEX-R
Mounting diameter	Ø 22 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	Yes
release	key release
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



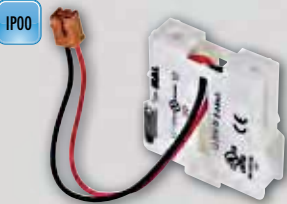






suitable contact blocks



mushroom head	red
front bezel	yellow

QRSKLUVSE

Contact Blocks

Illustration	Dimensions	Description	Type
 <p>IP00</p>		<p>Connection Module</p> <p>serves to connect the illuminated emergency stops via a screw terminal. The connection module is snapped into the module holders MHR3 or MHR5</p> <p>12-30V, AC/DC, max. 44mA</p> <p>Series QUARTEX-R</p> <p>Connection type screw connection 2x2.5mm²</p> <p>    </p> <p>colour white</p>	MAL
		<p>Connection Cable</p> <p>serves to connect an illuminated emergency-stop pushbutton to a AS-Interface slave (Safety at Work), 2-core strand, red/black, 0.25 mm², with male connector crimped on both sides, length: approx. 10 cm</p>	VK_JST025BKL
		<p>Connection Cable</p> <p>with open end, to connect e.g. an external LED signal lamp to an AS-Interface slave (Safety at Work), 2-core strand, red/black, 0.34 mm², with male connector crimped on one side, length: approx. 10 cm</p>	VK_JST034
		<p>Connection Cable</p> <p>with open end, serves to connect the illuminated emergency stops to a voltage source.</p> <p>Length: approx. 30 cm, cross section 0.34 mm² (AWG22)</p>	VK_BKL034

Emergency Stop Buttons Mushroom Heads

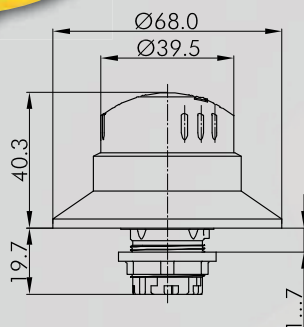
Illustration

Dimensions

Description

Type

IP67



Emergency-stop Head

Series QUARTEX-R
Mounting diameter Ø 22 mm
foolproof Yes
switching position indicator Yes
anti-lock collar Yes
release twist right or left

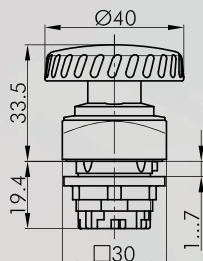
suitable contact blocks



mushroom head red
front bezel yellow

QRBUV70

IP65



Mushroom Head, latch-type

other mushroom colours on request

Series QUARTEX-R
Mounting diameter Ø 22 mm
foolproof No
switching position indicator No
anti-lock collar No
release twist
Standard EN 60947-5-1, EN 60947-5-5,
EN 60068, EN ISO 13850

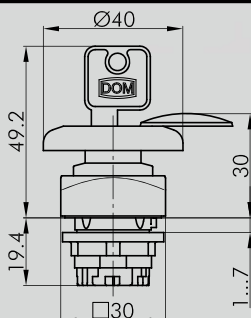


suitable contact blocks

mushroom head red
front bezel charcoal

QRV

IP65



Mushroom Head, latch-type

with keyhole cover

Series QUARTEX-R
Mounting diameter Ø 22 mm
foolproof No
switching position indicator No
anti-lock collar No
release key release
Standard DIN EN 60204/VDE 0113

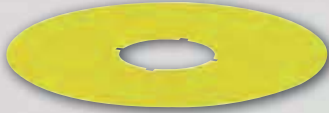

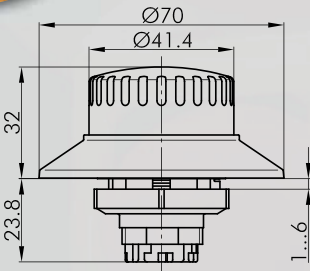

suitable contact blocks




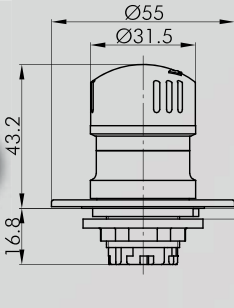


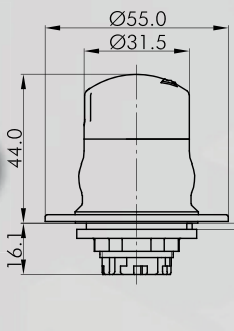


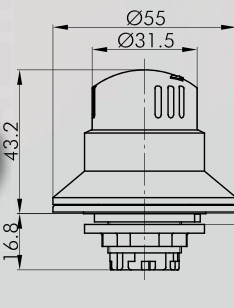

mushroom head red
front bezel charcoal

QRV SCH

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		Yellow Nameplate self-adhesive PVC foil printing on request outer dia. 75 mm for mounting dia. 22 mm Series QUARTEX-R Mounting diameter Ø 22 mm colour yellow	NAS_22
		Yellow Nameplate with quadrilingual imprint self-adhesive PVC foil outer dia. 75 mm for mounting dia. 22 mm Series QUARTEX-R Mounting diameter Ø 22 mm colour yellow	NAS_22_548
<div> <div>IP65</div>   </div>		Emergency-stop Head Series KOMBITAST-R Mounting diameter Ø 30 mm foolproof No switching position indicator No anti-lock collar Yes release twist Standard DIN EN 60204/VDE 0113 suitable contact blocks  mushroom head red front bezel yellow	KRFV

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		Emergency-stop Head consisting of QRUV and adapter Series KOMBITAST-R Mounting diameter Ø 30 mm foolproof Yes switching position indicator Yes anti-lock collar No release twist right or left suitable contact blocks 	KRUV
		mushroom head red front bezel yellow	
		Emergency-stop Head for hygienic applications consisting of QRUV and adapter, conforms to BG acc. to DIN EN 1672-2 and GS-FW01/01 Series KOMBITAST-R Mounting diameter Ø 30 mm foolproof Yes switching position indicator No anti-lock collar No release twist right or left suitable contact blocks 	KRUV
		mushroom head red front bezel yellow	
		Emergency-stop Head consisting of QRUV and adapter Series KOMBITAST-R Mounting diameter Ø 30 mm foolproof Yes switching position indicator Yes anti-lock collar Yes release twist right or left suitable contact blocks 	KRBUV
		mushroom head red front bezel yellow	

Emergency Stop Buttons Mushroom Heads

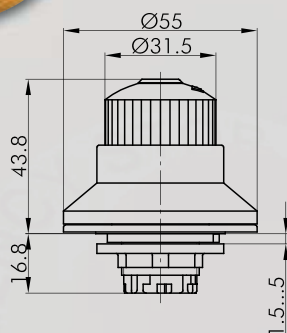
Illustration

Dimensions

Description

Type

IP65



Emergency-stop Head

consisting of QRBUVSE and adapter

Series KOMBITAST-R

Mounting diameter Ø 30 mm

foolproof Yes

switching position indicator Yes

anti-lock collar Yes

release key release

suitable contact blocks



mushroom head

red

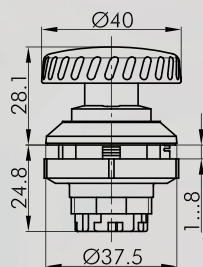
front bezel

yellow

KRBUVSE

IP65

16mm



Mushroom Head, latch-type

Series KOMBITAST-R

Mounting diameter Ø 30 mm

foolproof No

switching position indicator No

anti-lock collar No

release twist

Standard EN 60947-5-1, EN 60947-5-5,
EN 60068, EN ISO 13850



suitable contact blocks

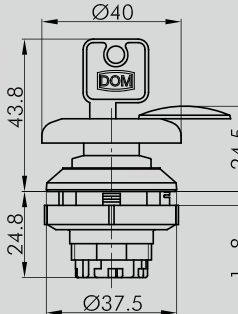


front bezel

charcoal

KRV

IP65



Mushroom Head, latch-type

with keyhole cover

Series KOMBITAST-R

Mounting diameter Ø 30 mm

foolproof No

switching position indicator No

anti-lock collar No

release key release

Standard DIN EN 60204/VDE 0113

suitable contact blocks

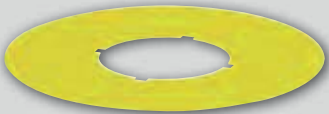



front bezel

charcoal

KRVSCH

Accessories for Actuators

Illustration	Dimensions	Description	Type
		Yellow Nameplate self-adhesive PVC foil printing on request outer dia. 75 mm for mounting dia. 30 mm Series KOMBITAST-R Mounting diameter Ø 30 mm colour yellow	NAS_30
		Yellow Nameplate with quadrilingual imprint self-adhesive PVC foil outer dia. 75 mm for mounting dia. 30 mm Series KOMBITAST-R Mounting diameter Ø 30 mm colour yellow	NAS_30_548

Emergency Stop Buttons Accessories for Actuators

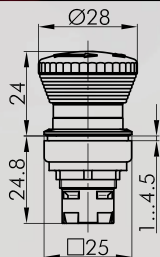
Illustration

Dimensions

Description

Type

IP65



Emergency-stop Head

Series	OKTRON-JUWEL
Mounting diameter	23 x 23 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	No
release	twist right or left
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



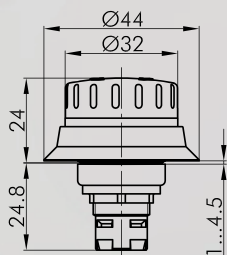
suitable contact blocks



mushroom head	red
front bezel	yellow

OKJUV

IP65



Emergency-stop Head

Series	OKTRON-JUWEL
Mounting diameter	23 x 23 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	Yes
release	twist right or left
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850

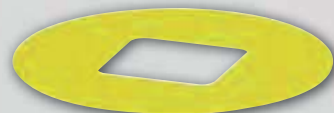


suitable contact blocks



knob colour	red
front bezel	yellow

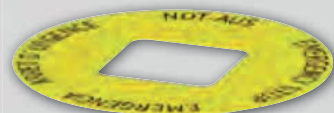
OKJBV



Yellow Nameplate

self-adhesive PVC foil	
printing on request	
outer dia. 60 mm	
for mounting aperture 23 x 23 mm	
Series	OKTRON-JUWEL
Mounting diameter	23 x 23 mm
colour	yellow

NAS_23



Yellow Nameplate with quadrilingual imprint

self-adhesive PVC foil	
outer dia. 60 mm	
for mounting aperture 23 x 23 mm	
Series	OKTRON-JUWEL
Mounting diameter	23 x 23 mm
colour	yellow

NAS_23_548

Emergency Stop Buttons Mushroom Heads

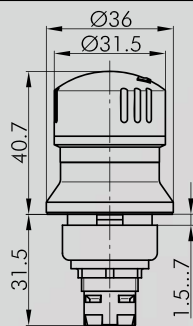
Illustration

Dimensions

Description

Type

IP65

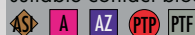


Emergency-stop Head

Series	QUARTRON-JUWEL
Mounting diameter	24 x 24 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	No
release	twist right or left
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



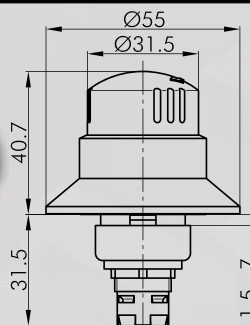
suitable contact blocks



mushroom head	red
front bezel	yellow

QXJUV

IP65

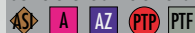


Emergency-stop Head

Series	QUARTRON-JUWEL
Mounting diameter	24 x 24 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	Yes
release	twist right or left
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



suitable contact blocks

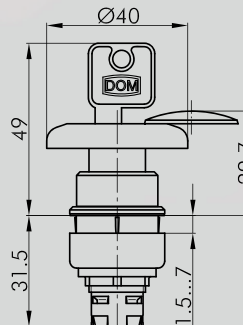


mushroom head	red
front bezel	yellow

QXJBUV

IP65

16mm



Mushroom Head, latch-type

latching in depressed position, key reset,
with keyhole cover

Series	QUARTRON-JUWEL
Mounting diameter	24 x 24 mm
switching position indicator	No
anti-lock collar	No
release	key release

suitable contact blocks



mushroom head	red
front bezel	black charcoal

QXJVSCH
QXJVSCHDG

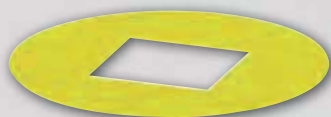
Emergency Stop Buttons Mushroom Heads

Illustration

Dimensions

Description

Type



Yellow Nameplate

self-adhesive PVC foil
printing on request
outer dia. 60 mm
for mounting aperture 24 x 24 mm
Series QUARTRON-JUWEL
Mounting diameter 24 x 24 mm
colour yellow

NAS_24

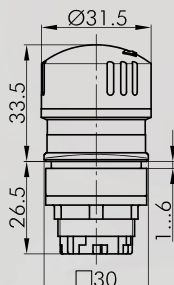


Yellow Nameplate with quadrilingual imprint

self-adhesive PVC foil
outer dia. 60 mm
for mounting aperture 24 x 24 mm
Series QUARTRON-JUWEL
Mounting diameter 24 x 24 mm
colour yellow

NAS_24_548

IP65



Emergency-stop Head

Series QUARTEX-R-JUWEL
Mounting diameter 26 x 26 mm
foolproof Yes
switching position indicator Yes
anti-lock collar No
release twist right or left
Standard EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



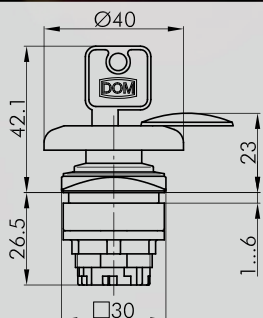
suitable contact blocks



mushroom head red
front bezel yellow

QRJUV

IP65



Latching Mushroom Head

with keyhole cover
Series QUARTEX-R-JUWEL
Mounting diameter 26 x 26 mm
foolproof No
switching position indicator No
anti-lock collar No
release key release


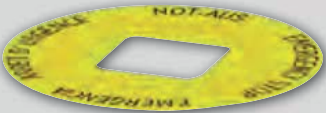
suitable contact blocks



mushroom head red
front bezel charcoal

QRJVSCH

Accessories for Actuators

Illustration	Dimensions	Description	Type
		Yellow Nameplate self-adhesive PVC foil printing on request outer dia. 75 mm for mounting aperture 26 x 26 mm Series QUARTEX-R-JUWEL Mounting diameter 26 x 26 mm colour yellow	NAS_26
		Yellow Nameplate with quadrilingual imprint self-adhesive PVC foil outer dia. 75 mm for mounting aperture 26 x 26 mm Series QUARTEX-R-JUWEL Mounting diameter 26 x 26 mm colour yellow	NAS_26_548

Emergency Stop Buttons

Illustration

Dimensions

Description

Type

IP65



Illuminated Emergency-stop Button for flat input systems

This emergency-stop button is compatible to customary short-stroke keyboards as having the same mounting depth.

Please refer to the assembly and installation instructions in the chapter „Operating Instructions for Emergency Stops“

Series	FRUV
Mounting diameter	Ø 22 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	No
release	twist right or left
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



suitable contact blocks



mushroom head	red
front bezel	yellow

FRUVL



Emergency-stop Button for flat input systems

This emergency-stop button is compatible to customary short-stroke keyboards as having the same mounting depth.

Please refer to the assembly and installation instructions in the chapter „Operating Instructions for Emergency Stops“

Series	FRUV
Mounting diameter	Ø 22 mm
foolproof	Yes
switching position indicator	Yes
anti-lock collar	No
release	twist right or left
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850

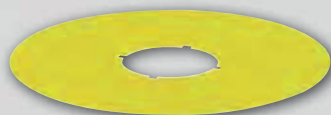


suitable contact blocks



mushroom head	red
front bezel	yellow

FRUV



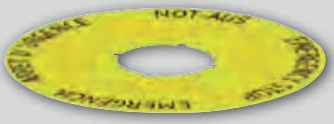
Yellow Nameplate

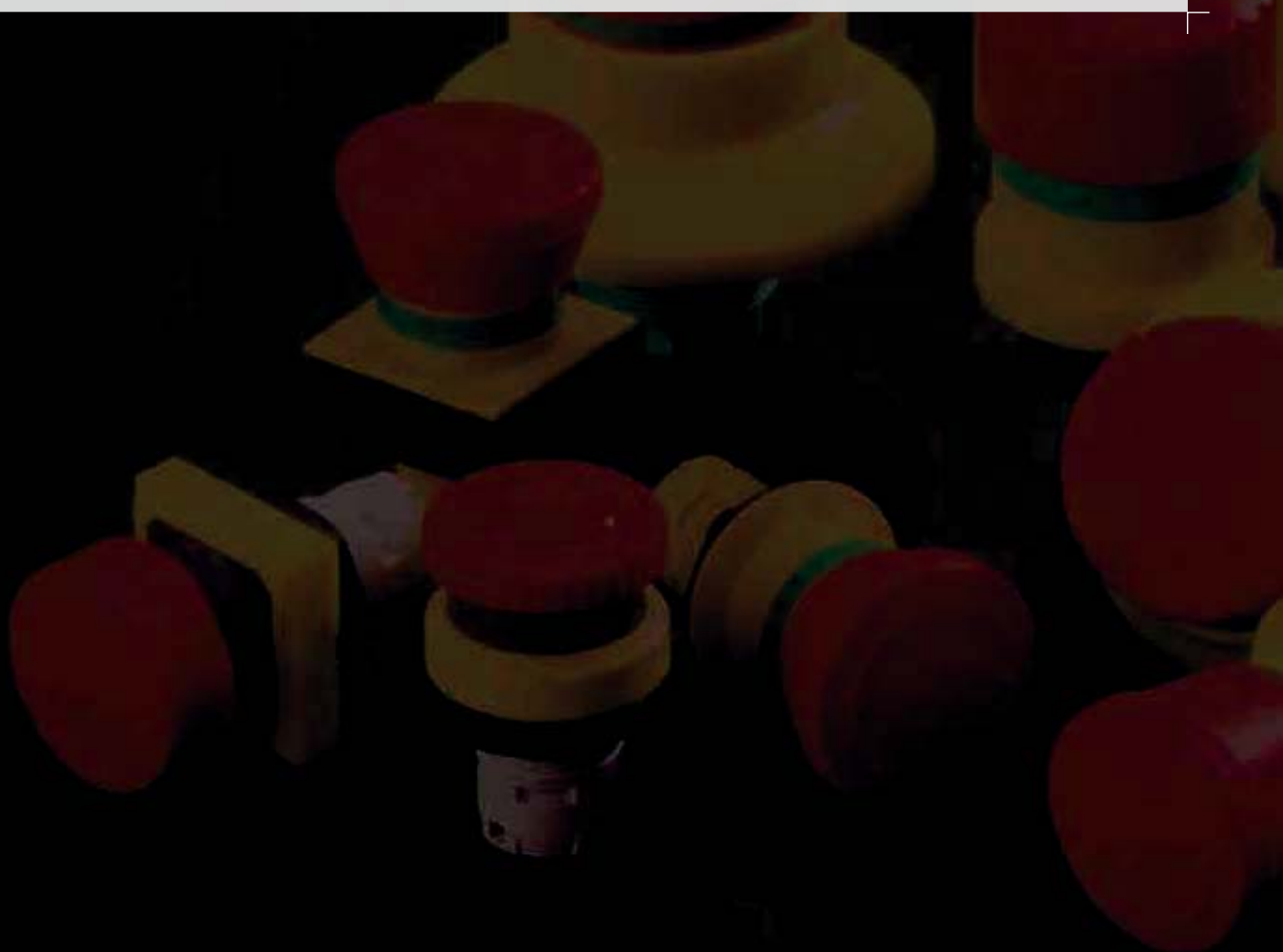
self-adhesive PVC foil
printing on request
outer dia. 75 mm
for mounting dia. 22 mm

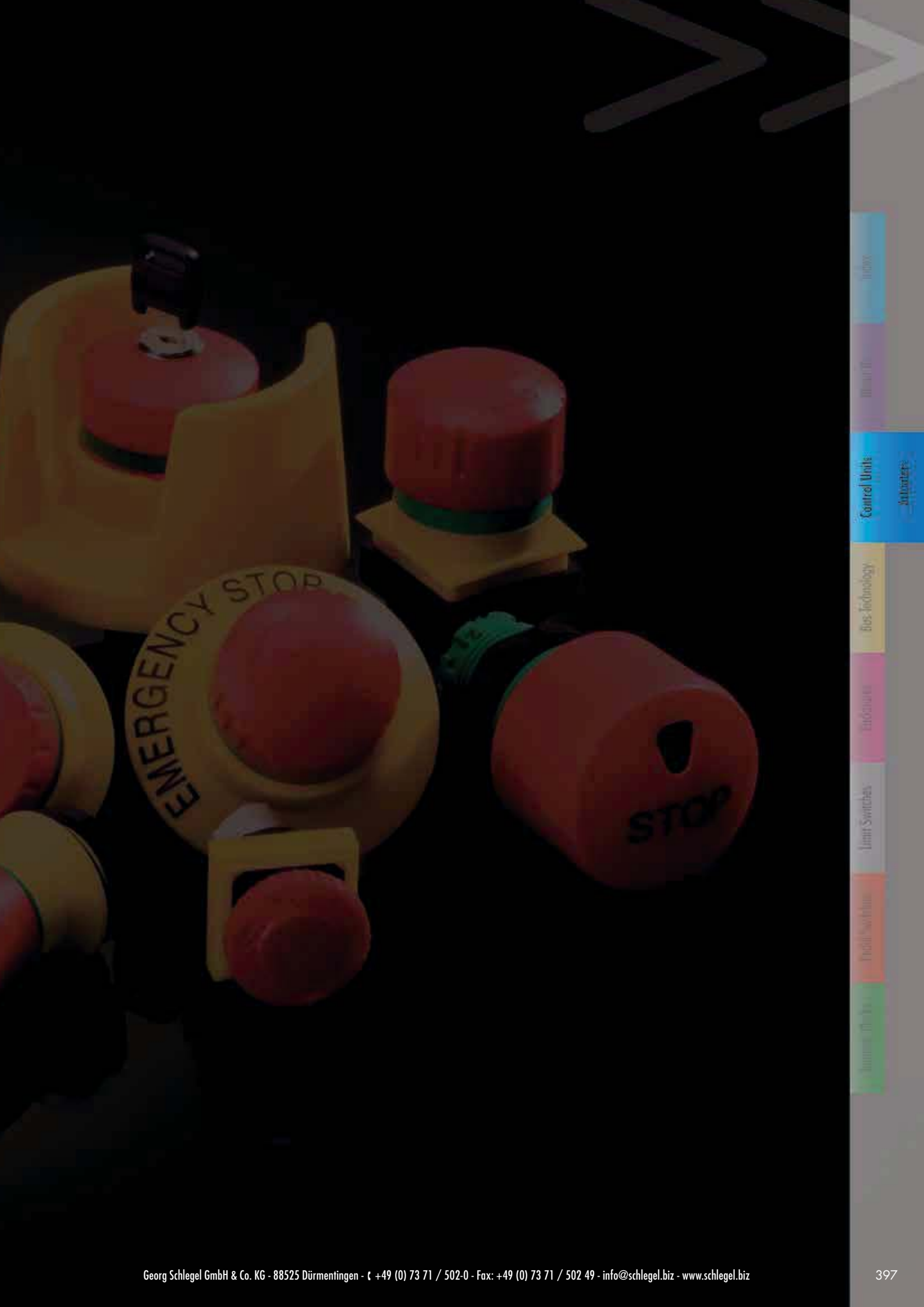
Series	QUARTEX-R
Mounting diameter	Ø 22 mm
colour	yellow

NAS_22

Accessories for Actuators

Illustration	Dimensions	Description	Type
		Yellow Nameplate with quadrilingual imprint self-adhesive PVC foil outer dia. 75 mm for mounting dia. 22 mm Series QUARTEX-R Mounting diameter Ø 22 mm colour yellow	NAS_22_548





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Mounting

Control Units

Substations

Bus Technology

Enclosures

Limit Switches

Pedal Switches

Hummer Modules

General Data

Type Reference:	FRVK(L)(O)(OO)(OI)(OOI)(P)(_AU)
Description:	Emergency stop, foolproof
Approvals:	CE
Nature of contact:	1NC / 2 NC / 1 NC+1NO / 2 NC+1NO
Degree of protection:	IP66 / IP67
Max. storage temperature:	-40°C ... 80°C
Max. operating temperature:	-25°C ... 70°C
Mechanical life:	50000
Electrical life (rated load):	50000 at rated load
Bouncing time NO:	< 10 ms
Bouncing time NC:	< 10 ms
Positive opening contact:	acc. to EN60947-5-1, appendix. K

Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

	alternate current	direct current
Utilisation category:	AC15 B300	DC13 Q300
Rated insulation voltage Ui:	250 V	250 V
Rated operating voltage Ue:	240V / 120V	250V / 125V / 60V / 24V
Rated operating current Ie:	1.5A / 3A	0.27A / 0.55A / 1A / 2A
Breaking capacity:	10Ie	1.1Ie
Continuous thermal current:	5A	2.5A

Technical Data - Lamp

Lamp socket:	none, with integrated 3 mm LED
Max. lamp voltage:	30 V AC/DC
Max. lamp output:	4 mA at 24 V DC)
Definition:	X1...anode, X2...cathode

Additional Data

Mounting aperture:	22.3mm
Tightening torque (mounting nut):	1.5 ... 2.2Nm
Release:	twist to release, left or right
Mounting position:	any
Standards:	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850

Note

switching position indicator



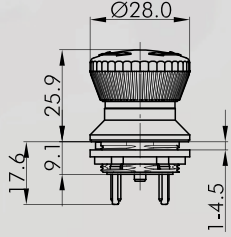

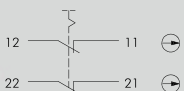



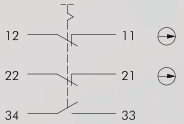

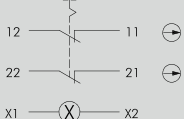
Electrical Features - 5µm gold-plating (type addition ...AU)	
switching voltage	20mV ... 42V AC/DC
switching current	1mA ... 250mA

illuminated versions (24V-LED):


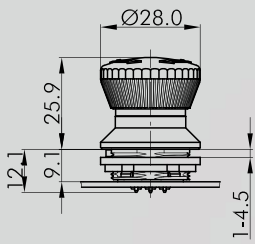

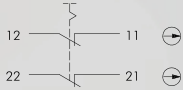

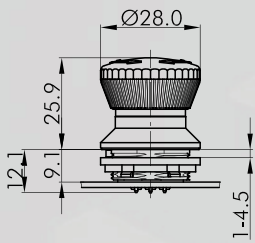

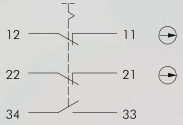

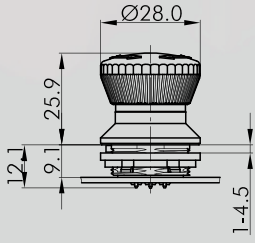

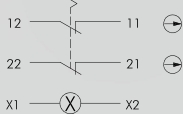
When applying two different voltages in one single circuit, as 240V for the switching voltage and 24 V for LED illumination,
do not use a SELV (PELV) circuit.

For the version with Faston terminals use partially insulated Faston clamps

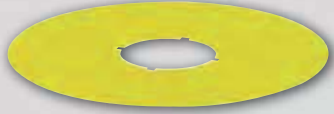

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
 		Monobloc Emergency Stop Series FRVK Mounting diameter Ø 22 mm Connection type Faston terminals 2.8x0.8 mm Contact equipment 2NC foolproof Yes switching position indicator Yes anti-lock collar No release twist right or left 	 FRVKOO
		mushroom head red front bezel yellow	
 		Monobloc Emergency Stop Series FRVK Mounting diameter Ø 22 mm Connection type Faston terminals 2.8x0.8 mm Contact equipment 2NC + 1NO foolproof Yes switching position indicator Yes anti-lock collar No release twist right or left 	 FRVKOOI
		mushroom head red front bezel yellow	
 		Illuminated Monobloc Emergency Stop Series FRVK Mounting diameter Ø 22 mm Connection type Faston terminals 2.8x0.8 mm Contact equipment 2NC foolproof Yes switching position indicator Yes anti-lock collar No release twist right or left 	 FRVKLOO
		mushroom head red front bezel yellow	

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		Monobloc Emergency Stop Series FRVK Mounting diameter Ø 22 mm Connection type PCB-mount terminals Contact equipment 2NC foolproof Yes switching position indicator Yes anti-lock collar No release twist right or left	
		 mushroom head front bezel	red yellow  FRVKKOOP
		Monobloc Emergency Stop Series FRVK Mounting diameter Ø 22 mm Connection type PCB-mount terminals Contact equipment 2NC + 1NO foolproof Yes switching position indicator Yes anti-lock collar No release twist right or left	
		 mushroom head front bezel	red yellow  FRVKKOIP
		Illuminated Monobloc Emergency Stop Series FRVK Mounting diameter Ø 22 mm Connection type PCB-mount terminals Contact equipment 2NC foolproof Yes switching position indicator Yes anti-lock collar No release twist right or left	
		 mushroom head front bezel	red yellow  FRVKLOOP

Accessories for Actuators

Illustration	Dimensions	Description	Type
		Yellow Nameplate self-adhesive PVC foil printing on request outer dia. 75 mm for mounting dia. 22 mm Series QUARTEX-R Mounting diameter Ø 22 mm colour yellow	NAS_22
		Yellow Nameplate with quadrilingual imprint self-adhesive PVC foil outer dia. 75 mm for mounting dia. 22 mm Series QUARTEX-R Mounting diameter Ø 22 mm colour yellow	NAS_22_548





Emergency stops

General Data

Type Reference:	NHQ..., NHR...
Description:	Emergency stop (toggle switch) for elevators
Approvals:	CE, UkrSepro
Protection class:	II (protective insulation)
Connection type:	screw connection 2x2.5mm ²
Contact material:	AgNi
Max. storage temperature:	-50°C ... 70°C
Max. operating temperature:	-30°C ... 70°C
Mechanical life:	500000 switching cycles
Electrical life (rated load):	500000 switching cycles at rated load
Contact resistance NO:	< 20 mOhm (new state)
Contact resistance NC:	< 20 mOhm (new state)
Min. current:	1 mA (under laboratory conditions)
Min. voltage:	5 V
Bouncing time NO:	< 10ms
Bouncing time NC:	< 10 ms
Positive opening contact:	acc. to EN60947-5-1, appendix. K

Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

	alternate current	direct current
Utilisation category:	AC15 A300	DC13 Q300
Rated insulation voltage Ui:	300V	300V
Rated operating voltage Ue:	250V	250V / 125V / 60V / 24V
Rated operating current Ie:	5A	0.2A / 0.4A / 1A / 2A
Breaking capacity:	10Ie	1.1Ie
Continuous thermal current:	10A	10A

Electrical data acc. to IEC/EN 61058-1 (VDE 0630 Sect. 1)

Rated voltage Ue:	250 V~
Rated current Ie:	10(6)A

Note

- Emergency-stop switch for elevators (toggle switch), equipped with the contact block ZT (higher contact rivets).
- When switching off the contact lever rebounds to the "OFF position" before the contact opens.



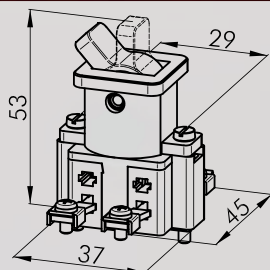
Emergency Braking Switch

Illustration

Dimensions

Description

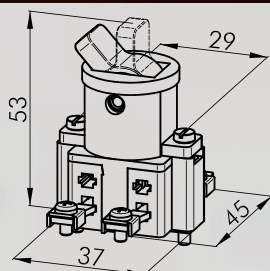
Type



Approved Emergency Braking Switch for elevators (square type)

NHQ_25

1. Positive opening of the NC contacts.
2. When switching off the contact lever rebounds to the „OFF position“ before the contact opens.



Approved Emergency Braking Switch for elevators (round type)

NHR_25

1. Positive opening of the NC contacts.
2. When switching off the contact lever rebounds to the „OFF position“ before the contact opens.