





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.

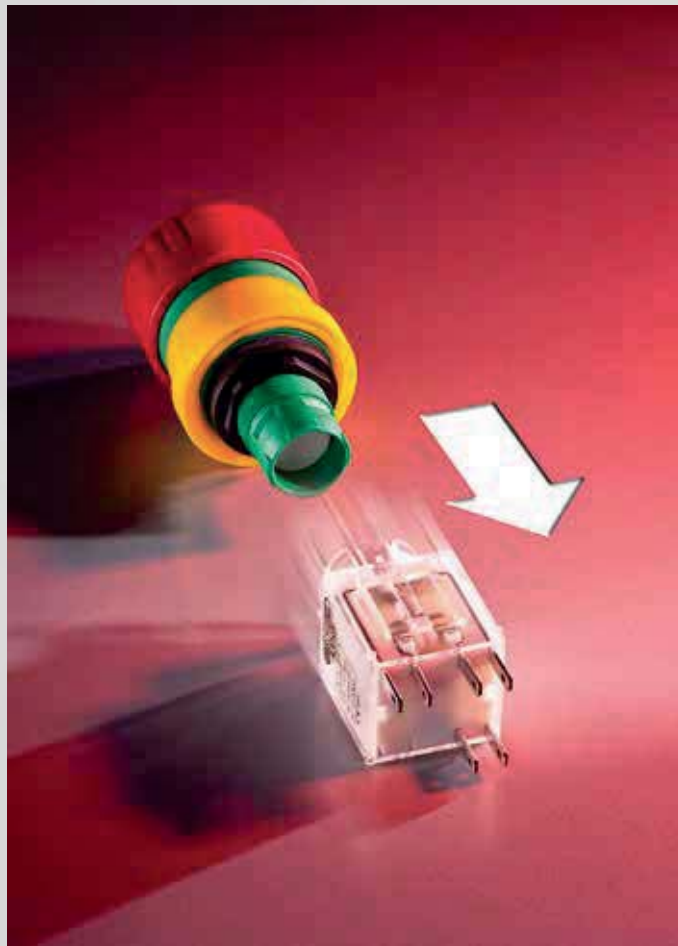
Safety Contact Blocks for Emergency-stop Buttons

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).

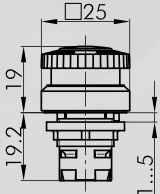
Safety@Work

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


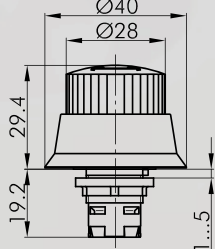





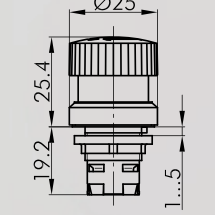





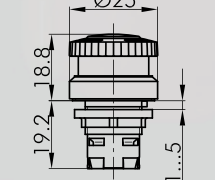


Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		<p>Emergency-stop Head Other mushroom colours on request</p> <p>Series OKTRON Mounting diameter Ø 16 mm foolproof No switching position indicator No anti-lock collar No release twist right or left</p> <p>suitable contact blocks AZ BZ  PTP PTF</p> <p>mushroom head red front bezel yellow</p>	OKVGB
		<p>Emergency-stop Head with illuminating and labelling option including blank nameplate (inscription on request)</p> <p>Series OKTRON Mounting diameter Ø 16 mm foolproof No switching position indicator No anti-lock collar No release twist right or left</p> <p>suitable contact blocks BZ </p> <p>mushroom head red 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>		<p>Emergency-stop Head</p> <p>Series OKTRON</p> <p>Mounting diameter Ø 16 mm</p> <p>foolproof Yes</p> <p>switching position indicator No</p> <p>anti-lock collar No</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>AZ BZ BZ PTP PTF</p> <p>mushroom head red</p> <p>front bezel yellow</p> <p>OKUVGB</p>	
<p>IP65 3mm</p>		<p>Emergency-stop Head</p> <p>with snap-action mechanism</p> <p>Series OKTRON-R</p> <p>Mounting diameter Ø 16 mm</p> <p>foolproof Yes</p> <p>switching position indicator Yes</p> <p>anti-lock collar No</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>AS AZ BZ BZ PTP PTF</p> <p>mushroom head red</p> <p>front bezel yellow</p> <p>RKUV28</p>	
<p>IP65 3mm</p>		<p>Emergency-stop Head</p> <p>Series OKTRON-R</p> <p>Mounting diameter Ø 16 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>AS AZ BZ BZ</p> <p>mushroom head red</p> <p>front bezel yellow</p> <p>RKUV32</p>	


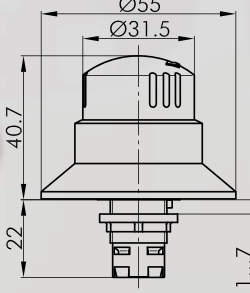








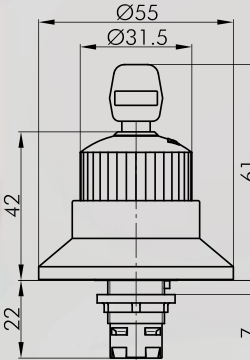








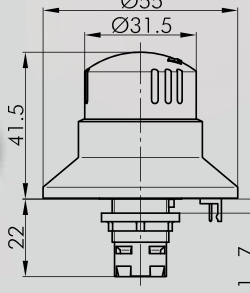







Emergency Stop Buttons

Illustration	Dimensions	Description	Type
 <p>IP65 3mm</p>		<p>Emergency-stop Head</p> <p>Series OKTRON-R</p> <p>Mounting diameter Ø 16 mm</p> <p>foolproof Yes</p> <p>switching position indicator No</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>	RKUV40
 <p>IP65 3mm</p>		<p>Emergency-stop Head</p> <p>Series OKTRON-R</p> <p>Mounting diameter Ø 16 mm</p> <p>foolproof Yes</p> <p>switching position indicator No</p> <p>anti-lock collar No</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>	RKUVGB
 <p>IP65 3mm</p>		<p>Emergency-stop Head</p> <p>Other mushroom colours on request</p> <p>Series OKTRON-R</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>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>	RKVGB

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		<p>Emergency-stop Head incl. blank nameplate (inscription on request)</p> <p>Series OKTRON-R Mounting diameter Ø 16 mm foolproof No switching position indicator No anti-lock collar No release twist right or left</p> <p>suitable contact blocks BZ </p> <p>mushroom head red front bezel yellow</p>	RKVLBGB
		<p>Nameplate with special imprint as per customer's specification</p>	BSRJ B
		<p>Nameplate with standard imprint, please specify index number (see nameplates on pages 410)</p>	BSRJ...
		<p>Blank Nameplate</p>	BSRJ U
		<p>Emergency-stop Head</p> <p>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</p> <p>suitable contact blocks AS A AZ PTP PTF</p> <p>mushroom head red front bezel yellow</p>	RXUV

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		<p>Emergency-stop Head</p> <p>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</p> <p> </p> <p>suitable contact blocks     </p> <p>mushroom head red front bezel yellow</p>	RXBUV
		<p>Emergency-stop Head</p> <p>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>mushroom head red front bezel yellow</p>	RXBUVSE
		<p>Illuminated Emergency-stop Head</p> <p>24V / 15mA AC/DC Connection of the LED ring illumination possible via VK_BKL043 or VK_JST025BKL</p> <p>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</p> <p> </p> <p>suitable contact blocks     </p> <p>mushroom head red front bezel yellow</p>	RXBLUV

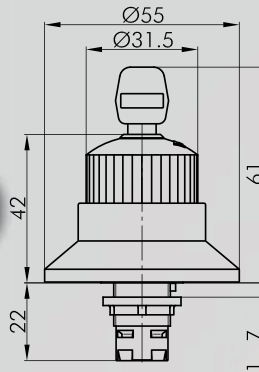
Emergency Stop Buttons

Illustration

Dimensions

Description

Type



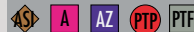
Illuminated Emergency-stop Head

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



suitable contact blocks



mushroom head red
front bezel yellow

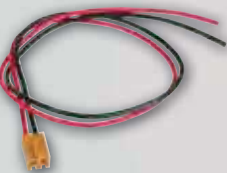
RXBLUVSE



Connection Cable

VK_JST025BKL

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



Connection Cable

VK_BKL034

with open end, serves to connect the illuminated emergency stops to a voltage source.
Length: approx. 30 cm, cross section 0.34 mm² (AWG22)



Verbindungskabel

VK_JST034

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

Emergency Stop Buttons

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

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		<p>Emergency-stop Head</p> <p>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</p> <p>suitable contact blocks </p> <p>mushroom head red front bezel yellow</p>	RXBUV70
		<p>Emergency-stop Head</p> <p>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</p> <p>suitable contact blocks </p> <p>mushroom head red front bezel yellow</p>	XFV32

Emergency Stop Buttons Mushroom Heads

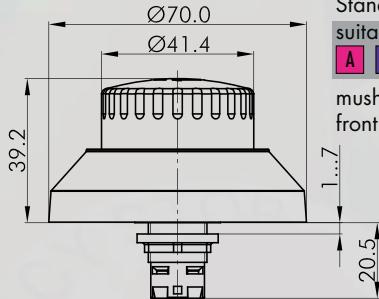
Illustration

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

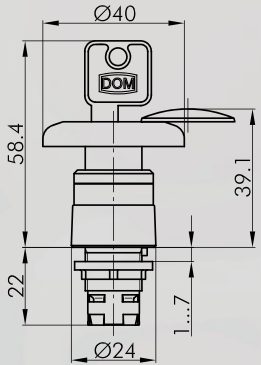
suitable contact blocks

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

mushroom head red
front bezel yellow

XUV

IP65



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

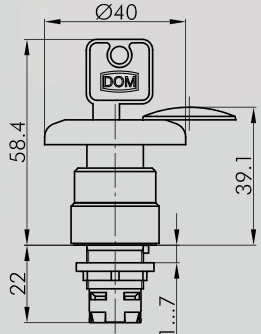
suitable contact blocks

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

mushroom head red
front bezel charcoal

RXVSCH

IP65



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

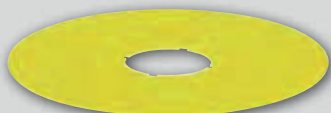
A **AZ** **PTP** **PTF**

mushroom head red
front bezel black
charcoal

QXVSCH
QXVSCHDG

Emergency Stop Buttons

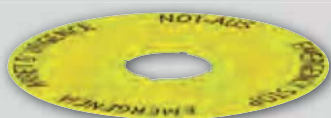
Illustration	Dimensions	Description	Type
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Yellow Nameplate

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

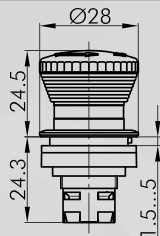


Yellow Nameplate with quadrilingual imprint

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

IP66
IP69K



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



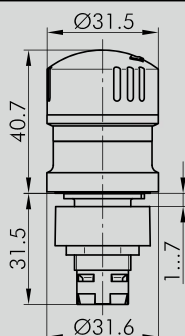
suitable contact blocks



mushroom head red
front bezel yellow

RRJUV

IP65

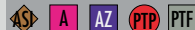


Emergency-stop Head

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



suitable contact blocks



mushroom head red
front bezel yellow

RXJUV

Emergency Stop Buttons Mushroom Heads

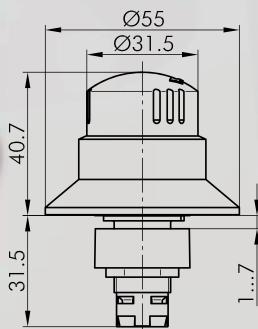
Illustration

Dimensions

Description

Type

IP65

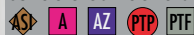


Emergency-stop Head

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

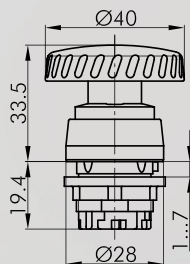


mushroom head	red
front bezel	yellow

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

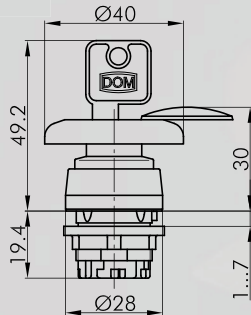
Illustration

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

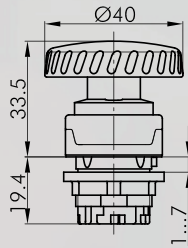
suitable contact blocks



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

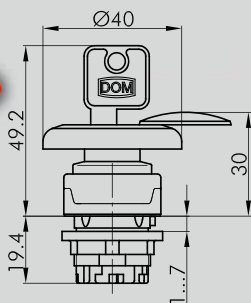
suitable contact blocks



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

RMCVSH

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		<p>Emergency-stop Head</p> <p>Series DUX-Basic Mounting diameter \varnothing 22 mm switching position indicator Yes anti-lock collar No release pull Standard EN ISO 13850, EN 81-2</p> <p> suitable contact blocks </p> <p>mushroom head red front bezel black green</p>	<p>DXRVS40S DXRVG40S</p>
		<p>Emergency-stop Head with inscription</p> <p>Series DUX-Basic Mounting diameter \varnothing 22 mm switching position indicator Yes anti-lock collar No release pull Standard EN ISO 13850, EN 81-2</p> <p> suitable contact blocks </p> <p>mushroom head red front bezel green black</p>	<p>DXRVG40SS DXRVS40SS</p>
		<p>Emergency-stop Head</p> <p>Series DUX-Basic Mounting diameter \varnothing 22 mm switching position indicator No anti-lock collar No release twist</p> <p> suitable contact blocks </p> <p>mushroom head red front bezel polished grey black</p>	<p>DXRV39MRT DXRV39GRT DXRV39SRT</p>

Emergency Stop Buttons

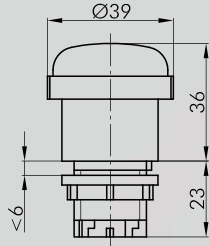
Illustration

Dimensions

Description

Type

IP65



Emergency-stop Head with arrow

Series DUX-Basic
 Mounting diameter \varnothing 22 mm
 switching position indicator Yes
 anti-lock collar No
 release twist
 Standard EN 81-2

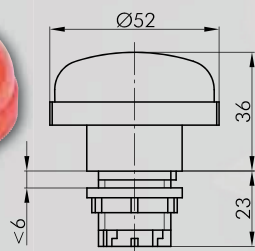
suitable contact blocks



mushroom head red
 front bezel grey

DXRV39PF

IP65



Emergency-stop Head

Series DUX-Basic
 Mounting diameter \varnothing 22 mm
 switching position indicator No
 anti-lock collar No
 release twist

suitable contact blocks



mushroom head red
 front bezel polished grey black

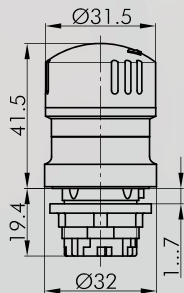
DXRV52MRT

DXRV52GRT

DXRV52SRT

IP65

IP69K



Emergency-stop Head

Series QUARTEX-R
 Mounting diameter \varnothing 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

QRUV

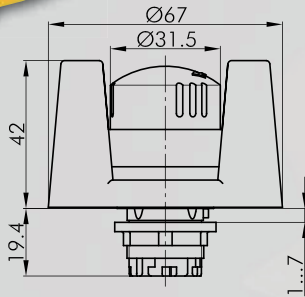
Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		<p>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</p> <p>Series QUARTEX-R</p> <p>Mounting diameter Ø 22 mm</p> <p>foolproof Yes</p> <p>switching position indicator No</p> <p>anti-lock collar No</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>	QRUV
		<p>Emergency-stop Head</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>	QRBUV

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
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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



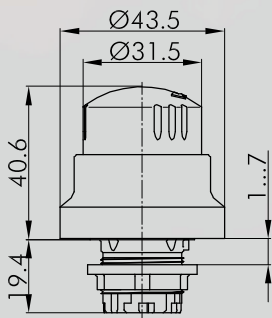
suitable contact blocks



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

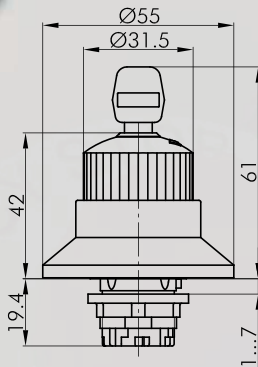
Illustration

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



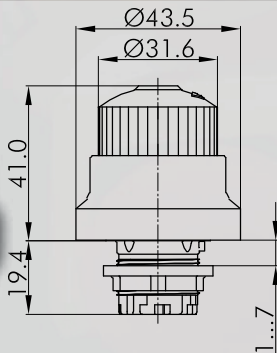
suitable contact blocks



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
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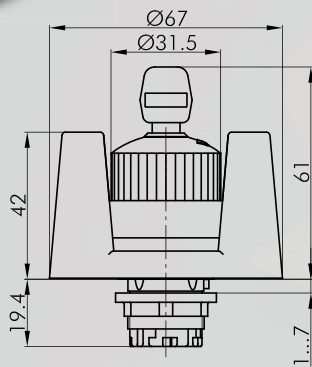
IP66



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

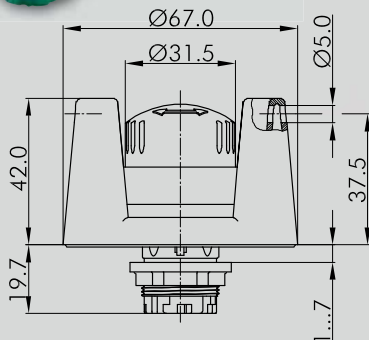


Emergency-stop Head

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



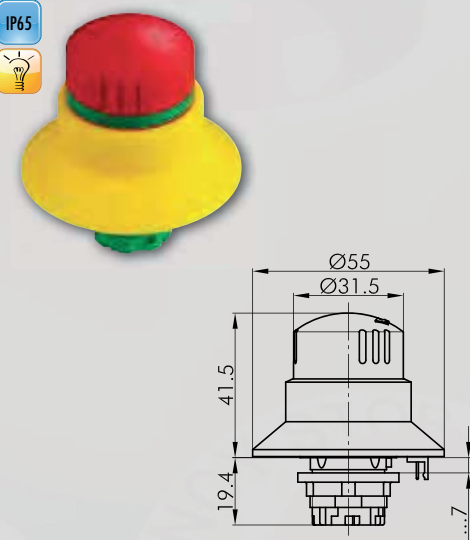

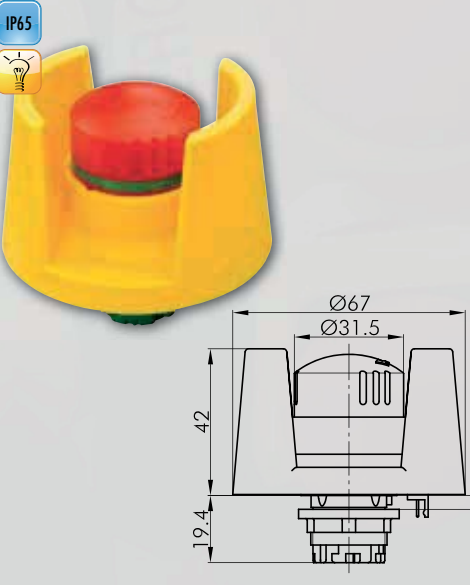

suitable contact blocks



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 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</p>		<p>QRBLUV</p>
	<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 NOTE: The user must ensure the emergency stop with protective shroud to be easy accessible!</p> <p>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</p>		<p>QRSKLUV</p>

Emergency Stop Buttons

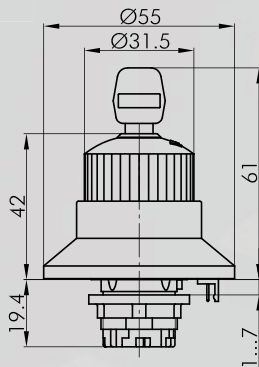
Illustration

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



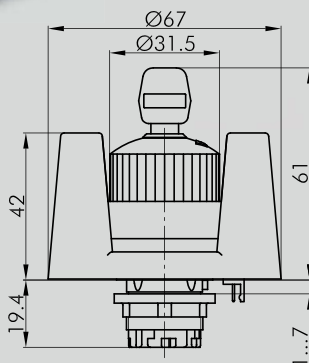
suitable contact blocks



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 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



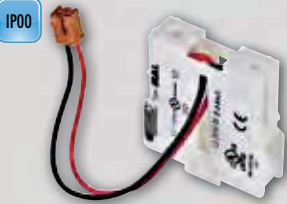






suitable contact blocks



mushroom head red
 front bezel yellow

QRSKLUVSE

Contact Blocks

Illustration	Dimensions	Description	Type
 <p data-bbox="103 584 135 616">IP00</p>		<p data-bbox="603 589 826 616">Connection Module</p> <p data-bbox="603 620 1193 696">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 data-bbox="603 698 884 723">12-30V, AC/DC, max. 44mA</p> <p data-bbox="603 725 663 748">Series QUARTEX-R</p> <p data-bbox="603 752 762 777">Connection type screw connection 2x2.5mm²</p> <p data-bbox="603 786 804 846">    </p> <p data-bbox="603 855 663 878">colour white</p>	<p data-bbox="1246 855 1302 878">MAL</p>
		<p data-bbox="603 958 804 983">Connection Cable</p> <p data-bbox="603 990 1209 1093">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>	<p data-bbox="1246 958 1422 983">VK_JST025BKL</p>
		<p data-bbox="603 1167 804 1191">Connection Cable</p> <p data-bbox="603 1198 1230 1301">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>	<p data-bbox="1246 1167 1382 1191">VK_JST034</p>
		<p data-bbox="603 1391 804 1415">Connection Cable</p> <p data-bbox="603 1422 1225 1469">with open end, serves to connect the illuminated emergency stops to a voltage source.</p> <p data-bbox="603 1471 1150 1496">Length: approx. 30 cm, cross section 0.34 mm² (AWG22)</p>	<p data-bbox="1246 1391 1382 1415">VK_BKL034</p>

Emergency Stop Buttons Mushroom Heads

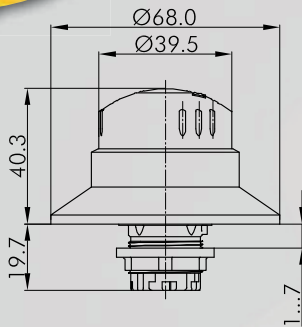
Illustration

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

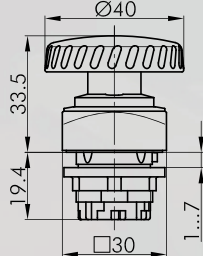
suitable contact blocks



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



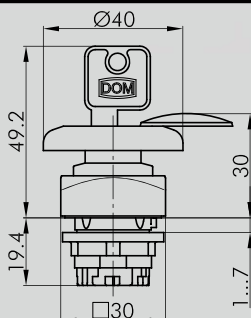
suitable contact blocks



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

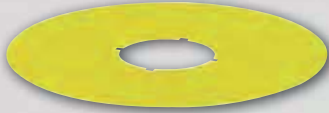
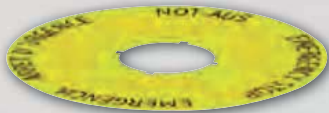
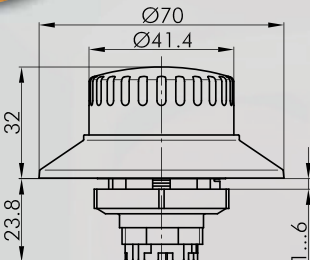


suitable contact blocks




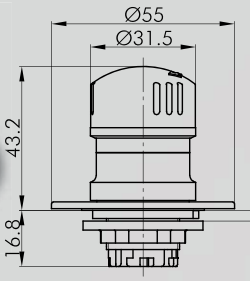


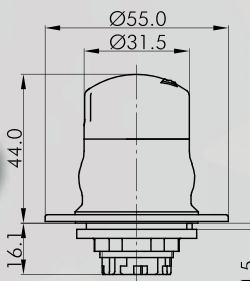


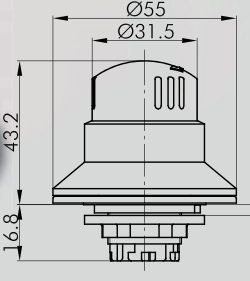

mushroom head red
 front bezel charcoal

QRV SCH

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		<p>Yellow Nameplate self-adhesive PVC foil printing on request outer dia. 75 mm for mounting dia. 22 mm</p> <p>Series QUARTEX-R Mounting diameter Ø 22 mm colour yellow</p>	NAS_22
		<p>Yellow Nameplate with quadrilingual imprint self-adhesive PVC foil outer dia. 75 mm for mounting dia. 22 mm</p> <p>Series QUARTEX-R Mounting diameter Ø 22 mm colour yellow</p>	NAS_22_548
<p>IP65</p>  		<p>Emergency-stop Head</p> <p>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</p> <p>suitable contact blocks    </p> <p>mushroom head red front bezel yellow</p>	KRFV

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
	 <p> $\varnothing 55$ $\varnothing 31.5$ 43.2 16.8 1.5...5 </p>	<p>Emergency-stop Head consisting of QRUV and adapter</p> <p>Series KOMBITAST-R</p> <p>Mounting diameter $\varnothing 30$ mm</p> <p>foolproof Yes</p> <p>switching position indicator Yes</p> <p>anti-lock collar No</p> <p>release twist right or left</p> <p>suitable contact blocks</p>  <p>mushroom head red</p> <p>front bezel yellow</p>	KRUV
	 <p> $\varnothing 55.0$ $\varnothing 31.5$ 44.0 16.1 1.5...4.5 </p>	<p>Emergency-stop Head for hygienic applications consisting of QRUPV and adapter, conforms to BG acc. to DIN EN 1672-2 and GS-FW01/01</p> <p>Series KOMBITAST-R</p> <p>Mounting diameter $\varnothing 30$ mm</p> <p>foolproof Yes</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>mushroom head red</p> <p>front bezel yellow</p>	KRUPV
	 <p> $\varnothing 55$ $\varnothing 31.5$ 43.2 16.8 1.5...5 </p>	<p>Emergency-stop Head consisting of QRBUV and adapter</p> <p>Series KOMBITAST-R</p> <p>Mounting diameter $\varnothing 30$ 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>suitable contact blocks</p>  <p>mushroom head red</p> <p>front bezel yellow</p>	KRBUV

Emergency Stop Buttons Mushroom Heads

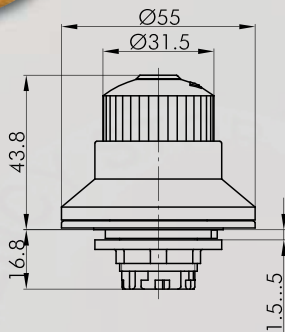
Illustration

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

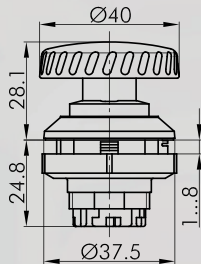


mushroom head red
front bezel yellow

KRBUVSE

IP65

6mm



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



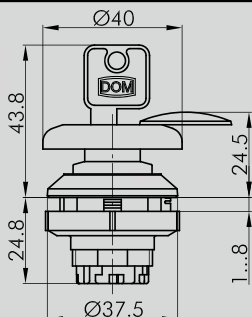
suitable contact blocks



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

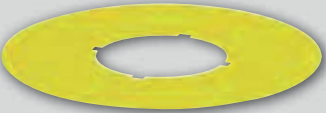

suitable contact blocks



front bezel charcoal

KRVSCH


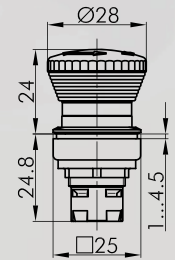












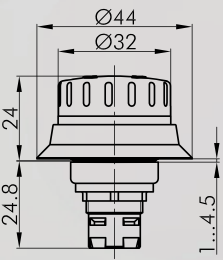









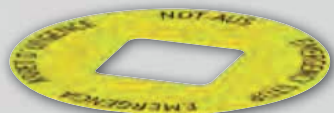
Accessories for Actuators

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



Emergency Stop Buttons
 Control Units
 Bus Technology
 Terminal Blocks
 Switches
 Relays
 Sensors

Emergency Stop Buttons Accessories for Actuators

Illustration	Dimensions	Description	Type
		<p>Emergency-stop Head</p> <p>Series OKTRON-JUWEL</p> <p>Mounting diameter 23 x 23 mm</p> <p>foolproof Yes</p> <p>switching position indicator Yes</p> <p>anti-lock collar No</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>	OKJUV
		<p>Emergency-stop Head</p> <p>Series OKTRON-JUWEL</p> <p>Mounting diameter 23 x 23 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>knob colour red</p> <p>front bezel yellow</p>	OKJBUV
		<p>Yellow Nameplate</p> <p>self-adhesive PVC foil</p> <p>printing on request</p> <p>outer dia. 60 mm</p> <p>for mounting aperture 23 x 23 mm</p> <p>Series OKTRON-JUWEL</p> <p>Mounting diameter 23 x 23 mm</p> <p>colour yellow</p>	NAS_23
		<p>Yellow Nameplate with quadrilingual imprint</p> <p>self-adhesive PVC foil</p> <p>outer dia. 60 mm</p> <p>for mounting aperture 23 x 23 mm</p> <p>Series OKTRON-JUWEL</p> <p>Mounting diameter 23 x 23 mm</p> <p>colour yellow</p>	NAS_23_548

Emergency Stop Buttons Mushroom Heads

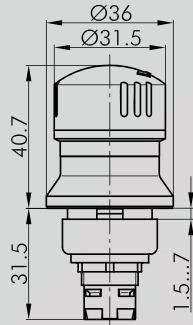
Illustration

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



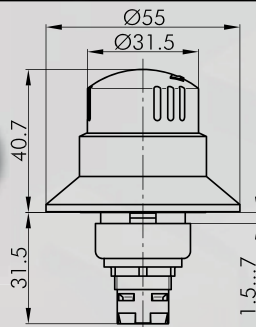
suitable contact blocks



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

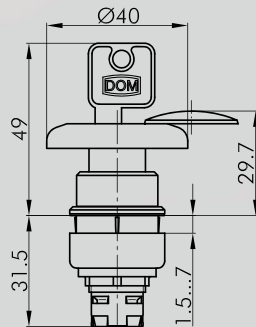


mushroom head	red
front bezel	yellow

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**

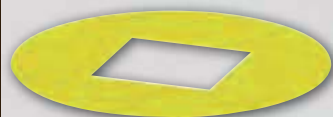
Emergency Stop Buttons Mushroom Heads

Illustration

Dimensions

Description

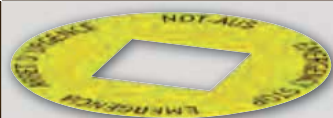
Type



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

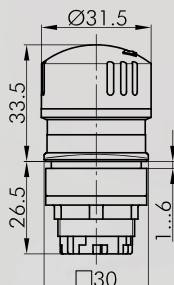


Yellow Nameplate with quadrilingual imprint

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



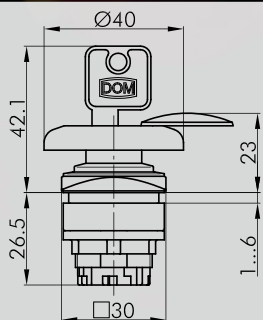
suitable contact blocks



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


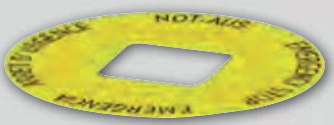
suitable contact blocks



mushroom head red
front bezel charcoal

QRJVSCH







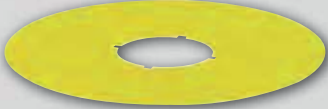
Accessories for Actuators

Illustration	Dimensions	Description	Type
		<p>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</p>	NAS_26
		<p>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</p>	NAS_26_548

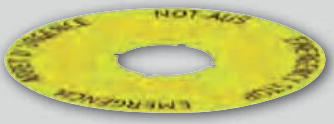


Master
 Control Units
 Bus Technology
 Terminal
 Switches
 Relays
 Sensors

Emergency Stop Buttons

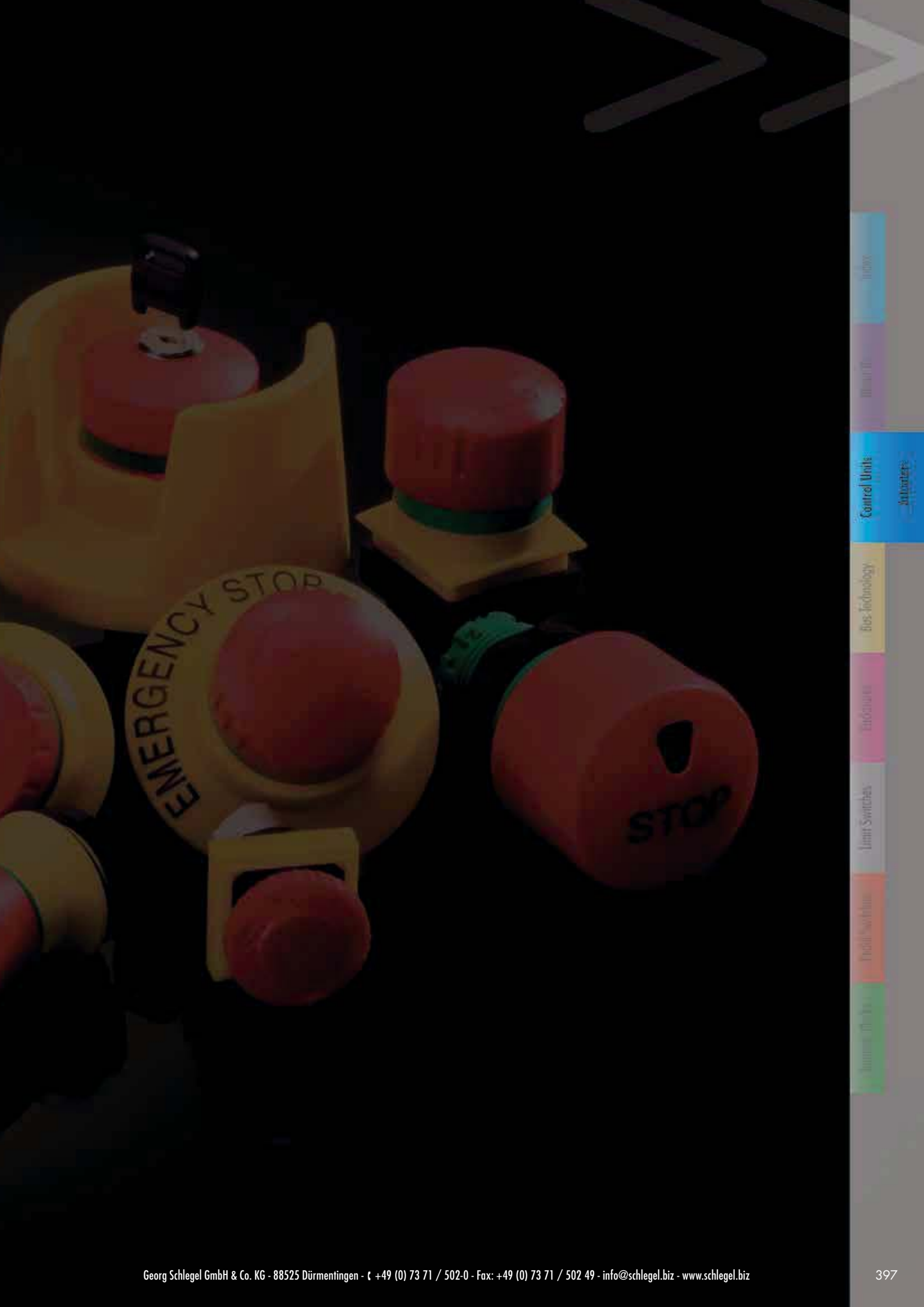
Illustration	Dimensions	Description	Type
 <p>IP65 Lightbulb icon</p>		<p>Illuminated Emergency-stop Button for flat input systems This emergency-stop button is compatible to customary short-stroke keyboards as having the same mounting depth.</p> <p>Please refer to the assembly and installation instructions in the chapter „Operating Instructions for Emergency Stops“</p> <p>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</p>	
		<p> suitable contact blocks  mushroom head red front bezel yellow</p>	FRUVL
		<p>Emergency-stop Button for flat input systems This emergency-stop button is compatible to customary short-stroke keyboards as having the same mounting depth.</p> <p>Please refer to the assembly and installation instructions in the chapter „Operating Instructions for Emergency Stops“</p> <p>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</p>	
		<p> suitable contact blocks  mushroom head red front bezel yellow</p>	FRUV
		<p>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</p>	NAS_22

Accessories for Actuators

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



- Control Units
- Bus Technology
- Terminal Blocks
- Line Splitters
- Relays
- Power Supplies



Index

Mounting

Control Units

Bus Technology

Enclosures

Limit Switches

Foot Pedals

Accessories



General Data

Type Reference:	FRVK(L)(O)(OO)(O)(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


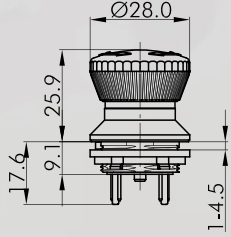

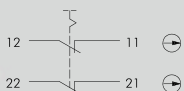

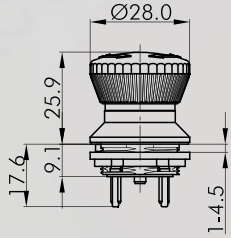

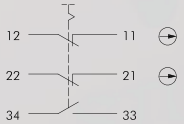

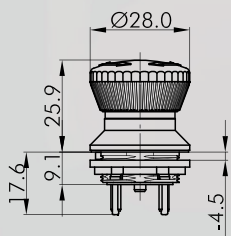

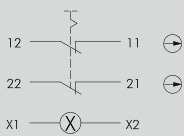
Electrical Features - 5µm gold-plating (type addition ...AU)	
switching voltage	20mV ... 42V AC/DC
switching current	1mA ... 250mA

illuminated versions (24V-LED):


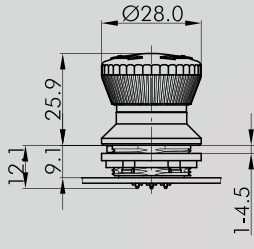

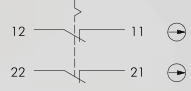

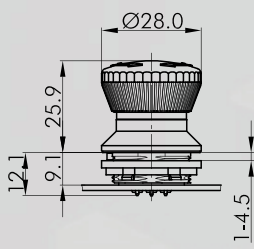

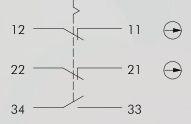

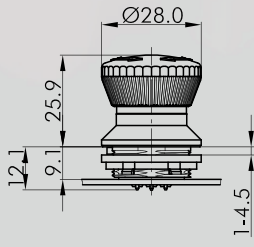

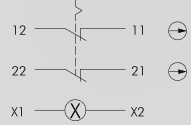
When applying two different voltages in one single circuit, as 240V for the switching voltage and 24 V for LED illumination, do not use a SELV (PELV) circuit.

For the version with Faston terminals use partially insulated Faston clamps

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		<p>Monobloc Emergency Stop</p> <p>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</p> <p></p> <p>mushroom head red front bezel yellow</p>	 <p>FRVKKO</p>
		<p>Monobloc Emergency Stop</p> <p>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</p> <p></p> <p>mushroom head red front bezel yellow</p>	 <p>FRVKKOI</p>
		<p>Illuminated Monobloc Emergency Stop</p> <p>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</p> <p></p> <p>mushroom head red front bezel yellow</p>	 <p>FRVKLOO</p>

Emergency Stop Buttons

Illustration	Dimensions	Description	Type
		<p>Monobloc Emergency Stop</p> <p>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</p>  <p>mushroom head front bezel</p>	 <p>FRVkoop</p>
		<p>Monobloc Emergency Stop</p> <p>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</p>  <p>mushroom head front bezel</p>	 <p>FRVkoop</p>
		<p>Illuminated Monobloc Emergency Stop</p> <p>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</p>  <p>mushroom head front bezel</p>	 <p>FRVKloop</p>





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.



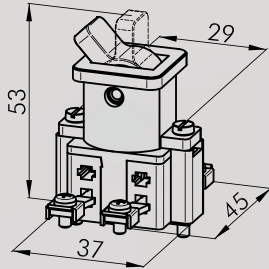
Emergency Braking Switch

Illustration

Dimensions

Description

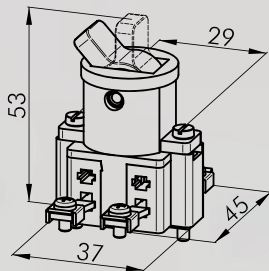
Type



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.