



Front dimensions: 25 x 25 mm
Panel cut-out: 23.1 x 23.1 mm
Front bezel height: 2 mm
Travel: 3 mm



OKTRON-JUWEL



Product configurator

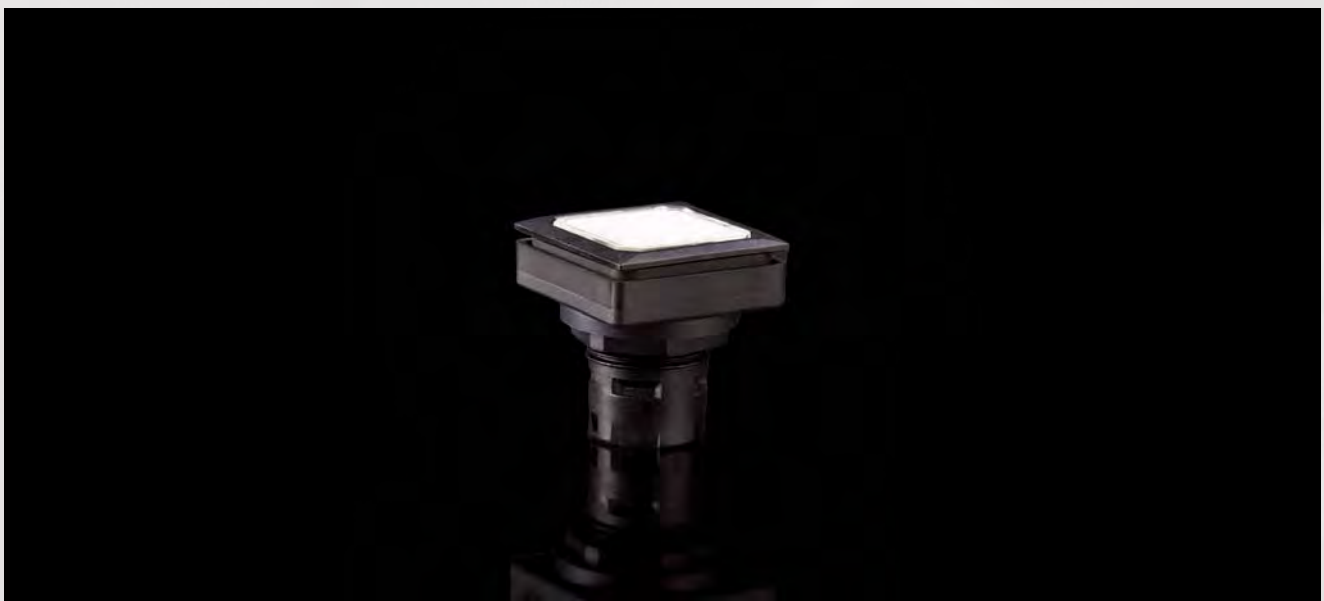


Overview OKTRON-JUWEL series




01 Pushbutton Heads	page 316	07 Flush-mounted jacks	page 324
02 Emergency Stop Buttons	page 317	08 Pilot Lights	page 325
03 Knob Set for Potentiometers	page 318		
04 Selector Heads	page 318	Contact Blocks / Lampholders	page 408
05 Key Actuators	page 320		
06 Acoustic Buzzers	page 322		


Housing Colour

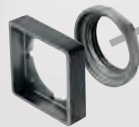
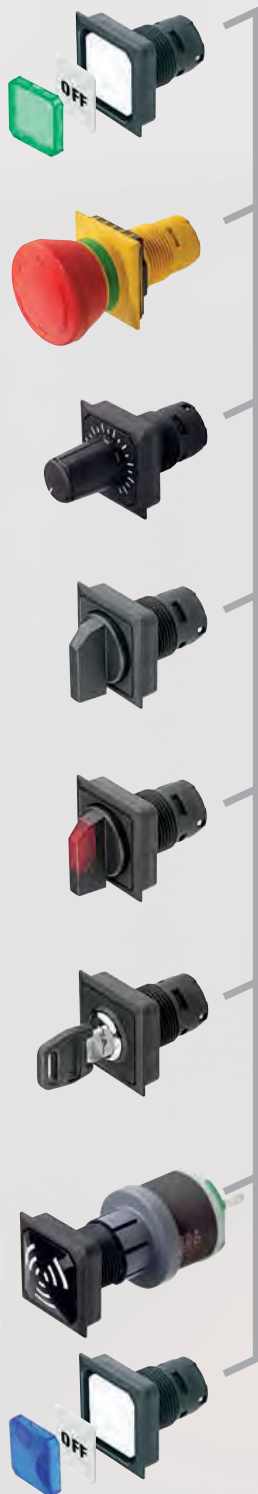


IP65 degree of protection

3 mm operating travel

 illuminating option

 labelling option



CT
CT...
Contact Blocks
Faston terminals
page 490



CZ
CZ...
Contact Blocks
PCB-mount terminals
page 482



CTP
CTP...
Contact Blocks
PCB-mount terminals
page 468



CTF
CTF...
Contact Blocks
Faston terminals
page 474



PTP
PT...
Contact Blocks
PCB-mount terminals
page 496



PTF
PT...
Contact Blocks
Faston terminals
page 500



B
BZ
BF...
Contact Blocks
Faston terminals
page 428



BT
BZ
BFK...
Contact Blocks
screw connection
page 436

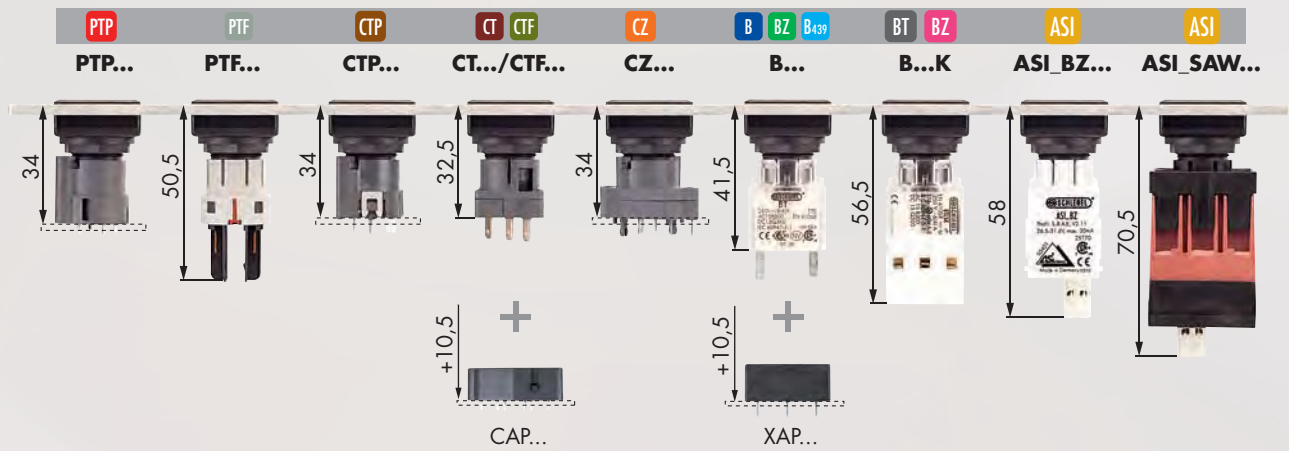


ASI
ASI...
Contact Blocks
for AS-Interface
page 534

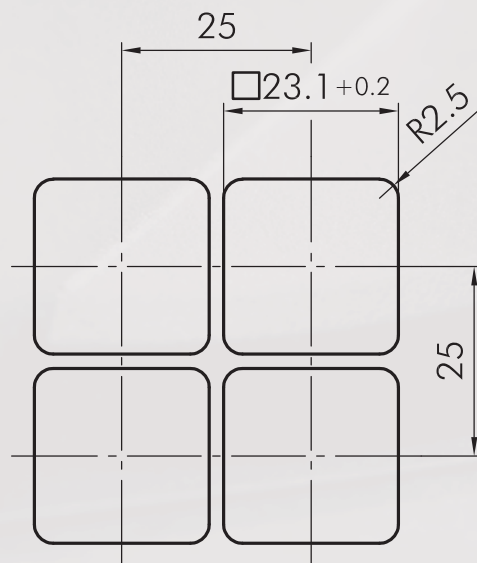


ASI
ASI...
Contact Blocks
for AS-Interface
Safety @ Work
page 540

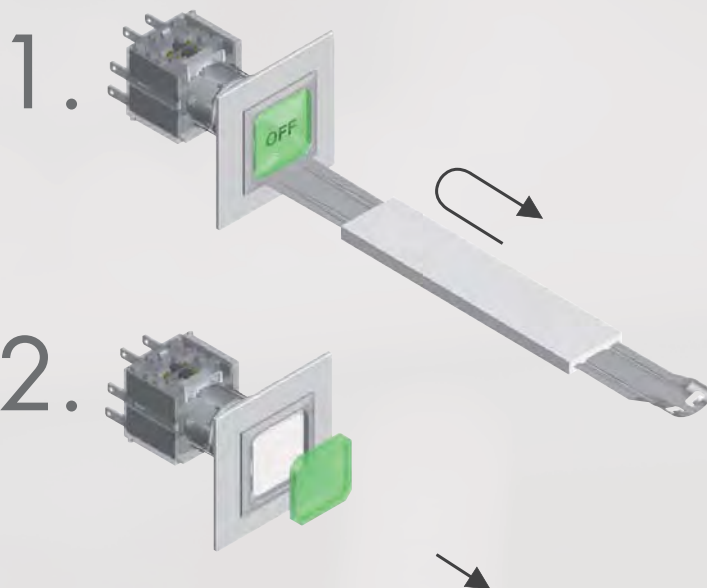
Mounting Depth Dimensions



Cutout Dimensions



Mounting and Service Instructions



Pushbutton Heads

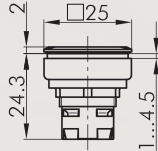
Lenses and nameplates to be ordered separately

Illustration

Dimensions

Description

Type



Pushbutton Head

suitable contact blocks

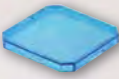
BUS ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel

black



OKJT



Flat Lens, transparent

colour

blue



TOKJFBL

yellow



TOKJFGB

green



TOKJFGN

clear



TOKJFKL

red



TOKJFRT

white



TOKJFWS

Flat Lens, non-transparent

used in pushbuttons without inscription and illumination

colour

blue



TOKJFGBL

yellow



TOKJFGGB

green



TOKJFGGN

black



TOKJFGSW

red

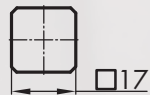


TOKJFGRT

white



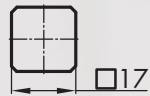
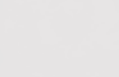
TOKJFGWS



Nameplate with standard imprint

Please specify index number (see nameplates on pages 404)

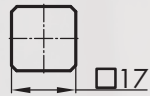
BSOKJ...



Nameplate with special imprint

according to customer's specification

BSOKJB



Blank Nameplate

BSOKJU

Emergency Stops

About Us

Control Units

→ Actuators

Panel Mount Jacks

Bus Technology


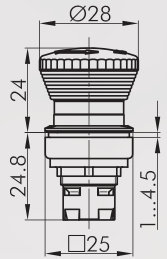



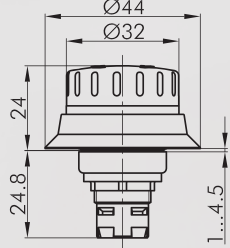




Enclosures

Terminal Blocks

Pedal Switches

Limit Switches

Type Index

Illustration	Dimensions	Description	Type
<p>IP65</p> 		<p>Emergency-stop Head</p> <p>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 ISO 13850</p> <p></p> <p>suitable contact blocks ASI AZ BZ BZ PTP PTF</p> <p>mushroom head red  front bezel yellow </p> <p>OKJUV</p>	
<p>IP65</p> 		<p>Emergency-stop Head</p> <p>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></p> <p>suitable contact blocks ASI AZ BZ BZ PTP PTF</p> <p>knob colour red  front bezel yellow </p> <p>OKJBUV</p>	
		<p>For further emergency stops, please refer to the chapter "Emergency-stop Heads" starting on page 366</p> <p>The emergency-stop heads can also be supplied as latching mushroom heads with mushrooms in different colours.</p>	

**Knob Set for potentiometers
Selector Switches (momentary/maintained)**

I = Switching position
> = Spring return

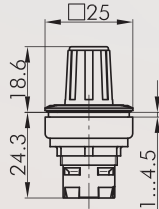
Illustration

Dimensions

Description

Type

IP65



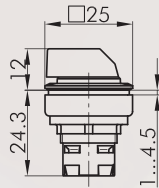
Knob Set for potentiometers

for potentiometers of 6 mm shaft dia. and thread M10x0.75.
Delivery without potentiometer.
Shaft length: approx. 32 mm
front bezel black



OKJR

IP65



Selector Head, maintained

suitable contact blocks

BUS ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel black



OKJWA

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ

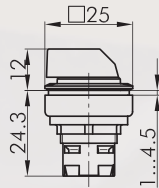
front bezel black



OKJWB



IP65



Selector Head, momentary

suitable contact blocks

BUS ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel black



OKJSTA

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ

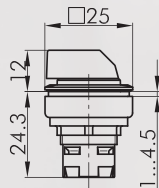
front bezel black



OKJSTB



IP65



Selector Head, left maintained, right momentary

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ

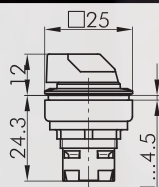
front bezel black



OKJWC



IP65



Illuminated Selector Head, maintained

Knob available in blue-BL, yellow-GB, clear-KL, green-GN, red-RT (e.g. OKJWAL_GN)

suitable contact blocks

BUS ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel black



OKJWAL...

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ

front bezel black




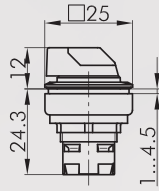


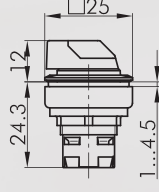



OKJWBL...



Selector Switches (momentary/maintained)

I = Switching position

> = Spring return

Illustration	Dimensions	Description	Type
		<p>Illuminated Selector Head, momentary Knob available in blue-BL, yellow-GB, clear-KL, green-GN, red-RT (e.g. OKJSTAL_GN)</p> <p>suitable contact blocks BUS ASI AZ B BF BZ BZ B439 CT CTF CTP CZ</p> <p>front bezel black</p>	<p>OKJSTAL...</p> 
		<p>Illuminated Selector Head, left maintained, right momentary Knob available in blue-BL, yellow-GB, clear-KL, green-GN, red-RT (e.g. OKJWCL_GN)</p> <p>suitable contact blocks ASI AZ BZ BZ B439 CT CZ</p> <p>front bezel black</p>	<p>OKJWCL...</p> 
		<p>Selector Head for desert application, maintained tested with coarse Arizona dust</p> <p>suitable contact blocks ASI AZ BZ BZ CT CZ</p> <p>knob colour black front bezel black</p>	<p>OKJWB_514</p> 

Key Switches (momentary/maintained)

- I = Switching position
- > = Spring return
- = Key removable position

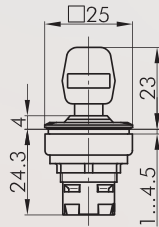
Illustration

Dimensions

Description

Type

IP65



Key Actuator, maintained

including two keys
other lock types on request

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ

front bezel black



OKJSSA12

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ

front bezel black



OKJSSA13

suitable contact blocks

ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel black



OKJSSA14

suitable contact blocks

ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel black



OKJSSA15

suitable contact blocks

ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel black



OKJSSA16

suitable contact blocks

ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel black



OKJSSA17

suitable contact blocks

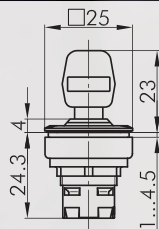
ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel black



OKJSSA18

IP65



Key Actuator, maintained

including 3 keys:
1st key: two-way operation
2nd key: operation to the left only
3rd key: operation to the right only

suitable contact blocks

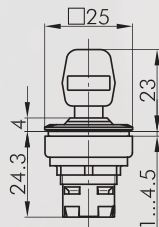
ASI AZ BZ BZ B439 CT CZ

front bezel black



OKJSSA31

IP65



Key Actuator, momentary

including two keys,
other lock types on request

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ

front bezel black

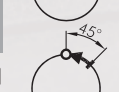


OKJSSA23

suitable contact blocks

ASI B BF BZ BZ B439 CT CTF CTP CZ


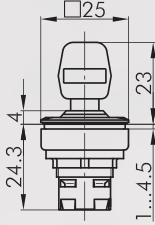


front bezel black



OKJSSA28

Key Switches (momentary/maintained)

- I = Switching position
- > = Spring return
- = Key removable position

Illustration	Dimensions	Description	Type
		<p>Key Actuator, left maintained, right momentary including two keys other lock types on request suitable contact blocks</p> <p>AS1 AZ BZ BZ B439 CT CZ</p> <p>front bezel black</p> 	OKJSSA25
		<p>Standard Spare Keys standard spare key, specify key number for special locks</p>	ESMIC482

Buzzers

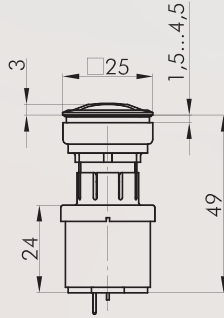
Illustration

Dimensions

Description

Type

IP65

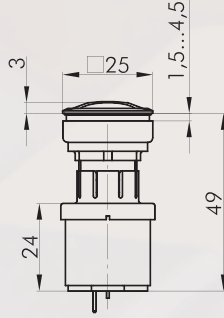


Buzzer

operating voltage: 12 ... 24V AC/DC
 operating current: max. 30mA
 signal frequency: 3.5 +/- 0.5 kHz
 volume: max. 85 db (10cm, 24V)
 max. 75 db (10cm, 12V)
 operating temperature: -20°C ... 60°C
 front bezel: black

**OKJNSG+
SG-24V**

IP65

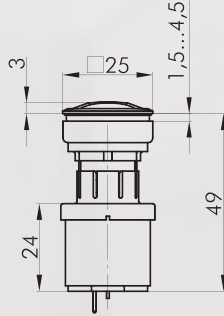


Interval Buzzer

operating voltage: 12 ... 24V AC/DC
 operating current: max. 30mA
 signal frequency: 3.5 +/- 0.5 kHz
 volume: max. 85 db (10cm, 24V)
 max. 75 db (10cm, 12V)
 interval: 1 s
 operating temperature: -20°C ... 60°C
 front bezel: black

**OKJNSG+
SGI-24V**

IP65

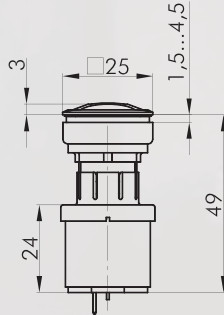


Illuminated Buzzer

operating voltage: 12 ... 24V AC/DC
 operating current: approx. 30mA
 signal frequency: 3.5 +/- 0.5 Hz
 volume: max. 85 db (10cm, 24V)
 max. 75 db (10cm, 12V)
 operating temperature: -20°C ... 60°C
 front bezel: black

**OKJNSGL+
SGLR-24V**

IP65



Illuminated Interval Buzzer

operating voltage: 12 ... 24V AC/DC
 operating current: approx. 30mA
 signal frequency: 3.5 +/- 0.5 Hz
 volume: max. 85 db (10cm, 24V)
 max. 75 db (10cm, 12V)
 interval: 1 s
 operating temperature: -20°C ... 60°C
 front bezel: black

**OKJNSGL+
SGILR-24V**





Faston Clamp 2.8 x 0.8 mm with snap-in pin

FH2,8

Cross section 0.75 - 1.50 mm², tin-plated brass, with pin to snapfit into the sockets XA, XAL and the insulating case IH2.8

Buzzers

Illustration	Dimensions	Description	Type
		Insulating Case for Faston clamp FH2,8, slip on from the front	IH2,8
		Double Faston for the connection of 2 Faston clamps FH2.8	FD2,8

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→ Actuators

Panel Mount Jacks

Bus Technology

Enclosures

Terminal Blocks

Pedal Switches

Limit Switches

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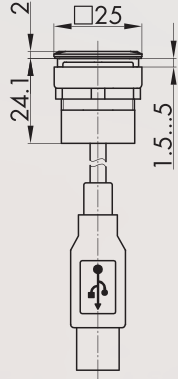
Panel Mount Jacks

Illustration

Dimensions

Description

Type



USB Jack

front:
USB jack type A

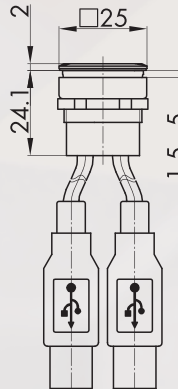
rear:
USB2.0 cable (length 60 cm) with plug type A

other lengths on request

front bezel black



OKJ_USB



Double USB Jack

front:
2x USB: type A

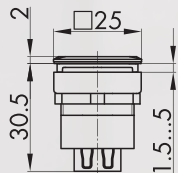
rear:
2x USB2.0 cable (length 60 cm) with plug type A

other lengths on request

front bezel black



OKJ_2USB



USB Jack

front:
USB jack type A

rear:
USB jack type A

front bezel black




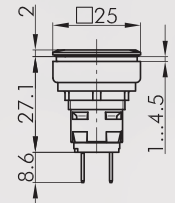

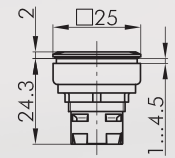







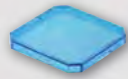







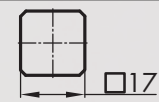
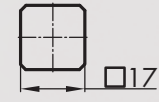

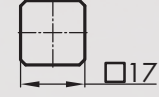
OKJ_USB_AA



**For panel mount jacks,
please refer to page 552**

Pilot Lights

Lenses and nameplates to be ordered separately

Illustration	Dimensions	Description	Type
 <p>IP65 Sun icon Light icon</p>	 <p>25 27.1 8.6 1...4.5</p>	<p>Pilot Light with Faston terminals 2.8x0.8 mm W2x4.6d socket</p> <p>front bezel black</p>	<p>OKJL4</p>
 <p>IP65 Sun icon Light icon</p>	 <p>25 24.3 1...4.5</p>	<p>Pilot Light Head suitable lampholders ASI B BF CT CTF CTP CZ</p> <p>front bezel black</p>	<p>OKJN</p>
		<p>Convex Lens, transparent</p> <p>colour blue  KOKJFBL yellow  KOKJFGB green  KOKJFGN clear  KOKJFKL red  KOKJFRT white  KOKJFWS</p>	
		<p>Flat Lens, transparent</p> <p>colour blue  TOKJFBL yellow  TOKJFGB green  TOKJFGN clear  TOKJFKL red  TOKJFRT white  TOKJFWS</p>	
		<p>Nameplate with standard imprint Please specify index number (see nameplates on pages 404)</p>	<p>BSOKJ...</p>
		<p>Nameplate with special imprint according to customer's specification</p>	<p>BSOKJB</p>
		<p>Blank Nameplate</p>	<p>BSOKJU</p>

Accessories for Actuators

Illustration

Dimensions

Description

Type



Hexagonal Mounting Tool

S16

with torque limitation,
for the series OKTRON, OKTRON-JUWEL, OKTRON-R,
RONTRON-R-JUWEL, RONTRON-Q-JUWEL, QUARTRON,
QUARTRON-JUWEL, RX-JUWEL



Mounting Tool Adapter with 1/4" connections

SRA

for mounting tools S16 and S22

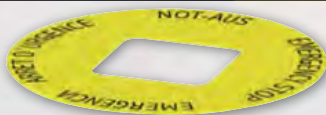


Yellow Nameplate

self-adhesive PVC foil
printing on request
outer dia. 60 mm
for mounting aperture 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
colour yellow



NAS_23_548

IP40



Protective Lid

for pushbuttons and jacks of the OKTRON-JUWEL series
colour transparent



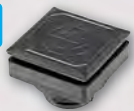
KDOKJ



Universal Lens Remover

USK

IP65



Dummy

to close unused mounting apertures
colour black



BVOKJ

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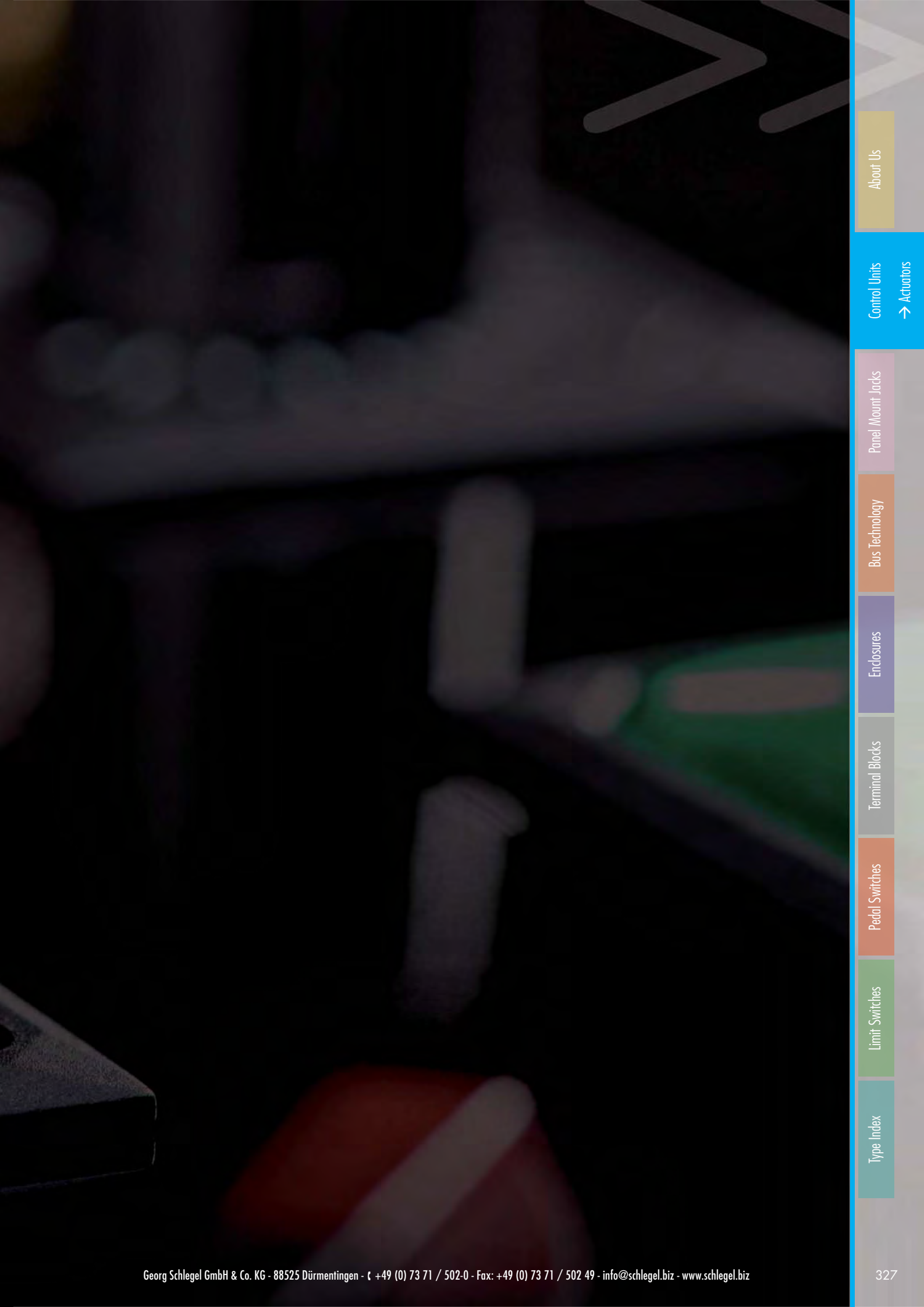
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