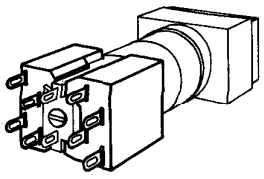
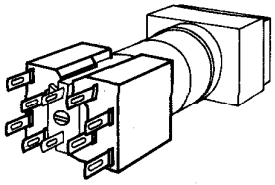
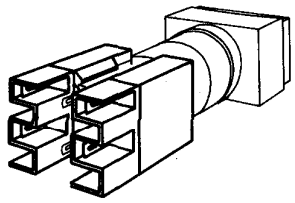
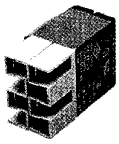
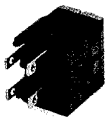
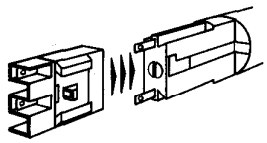
CONTACT ARRANGEMENT AND WIRING DIAGRAM **250V AC/5A (cos φ 0.7)**	Solder terminals  For wire 2x 0.75 mm² or strands 1x1 mm².	Faston terminals 2,8x0,5mm  For faston plug and cable plug.	Faston terminals shrouded 2,8x0,5mm  With extended insulation for single connectors.
 1 NC + 1 NO	 Gold **593561 000** Silver **593561 100**	 Gold **593566 000** Silver **593566 100**	 Gold **593560 000** Silver **593560 100**
 2 NC + 2 NO	 Gold **593564 000** Silver **593564 100**	 Gold **593567 000** Silver **593567 100**	 Gold **593563 000** Silver **593563 100**
 1 NO	 Gold **593561 020**	 Gold **593566 020**	 Gold **593560 020**
 1 NC	 Gold **593561 050**	 Gold **593566 050**	 Gold **593560 050**
 2 NO	 Gold **593564 020**	 Gold **593567 020**	 Gold **593563 020**
 2 NC	 Gold *593564 050*	 Gold *593567 050*	 Gold *593563 050*

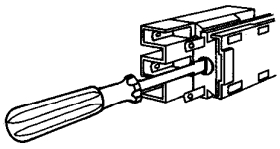
MINIMUM REQUIREMENT

Switch body for example 501000–000
Contact block for example 593561–000
Lens cap for example 460012–000

QUICK MOUNTING OF THE CONTACT BLOCKS simply by sliding on and securing

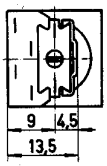


ASSEMBLY:
The contact block slides on to the dovetail of the switch body whilst the slot in the red locking pin is parallel to the dovetail.

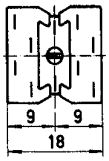


SECURING:
Once the contact block is fully in position the red locking cam is turned through 90° with a suitable screwdriver.

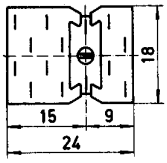
1 NC + 1 NO



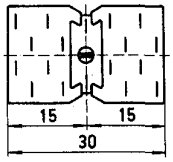
1 NC + 1 NO/1 NC + 1 NO (2 NC + 2 NO)

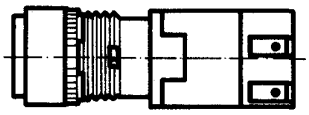


2 NC + 2 NO/1 NC + 1 NO (3 NC + 3 NO)



2 NC + 2 NO/2 NC + 2 NO (4 NC + 4 NO)

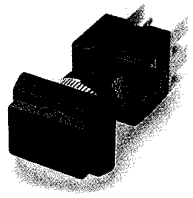


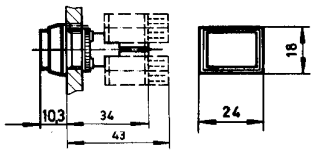


SELECTOR MECHANISM

All latching switches in the th25 series feature a simple selector mechanism that converts the latching switch to momentary or vice versa. The selection is made by moving a small wire clip which can be visible through an aperture in the body of the switch with a device similar to a paper clip.

Rectangular tapered bezel style



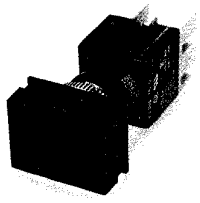


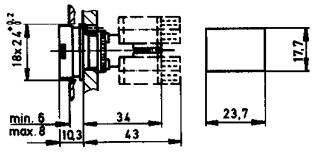
	Faston connection	Solder connection
Momentary switches	501000	501100
Latching switches	511000	511100
Signal lamps	551000	551100

Lenses flat 14x20

	opaque	transparent
white	460012	461012
yellow	460112	461112
green	460212	461212
blue	460312	461312
red	460412	461412
black	460512	
orange	460612	461612

Rectangular concealed bezel style



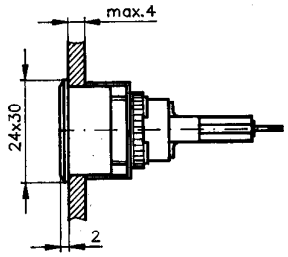


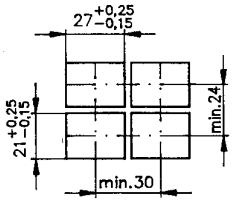
	Faston connection	Solder connection
Momentary switches	501002	501102
Latching switches	511002	511102
Signal lamps	551002	551102

Lenses flat 18x24

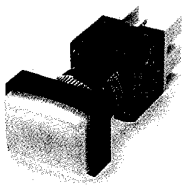
	opaque	transparent
white	460017	461017
yellow	460117	461117
green	460217	461217
blue	460317	461317
red	460417	461417
black	460517	
orange	460617	461617

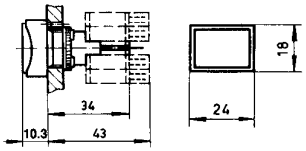
Countersunk mounting is possible with bezel number **593072** for switch 18 x 24. To remove lenses it is recommendable to use lens extractor **592102.**





Rectangular exposed bezel style



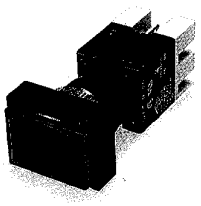


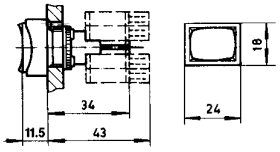
	Faston connection	Solder connection
Momentary switches	501008	501108
Latching switches	511008	511108
Signal lamps	551008	551108

Lenses flat 15x21

	opaque	transparent
white	460021	461021
yellow	460121	461121
green	460221	461221
blue	460321	461321
red	460421	461421
black	460521	
orange	460621	461621

Rectangular exposed bezel style, concave lens





	Faston connection	Solder connection
Momentary switches	501008	501108
Latching switches	511008	511108
Signal lamps	551008	551108

Lenses concave 15x21

	opaque	transparent
white	460022	461022
yellow	460122	461122
green	460222	461222
blue	460322	461322
red	460422	461422
black	460522	
orange	460622	461622

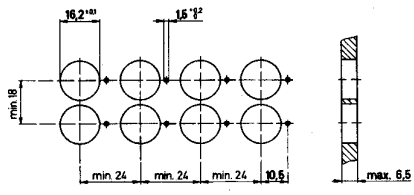
COMMON INFORMATION

All transparent lenses can be specified with a clear lower lens carrier use – 010 suffix.

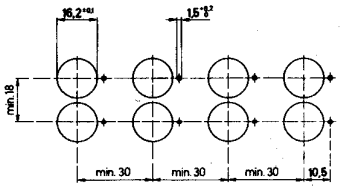
CONTACT BLOCKS TO BE SPECIFIED SEPERATELY. – SEE PAGE 16

Lamp holder T $1\frac{3}{4}$ MG

PANEL CUT-OUTS FOR UP TO 1 SINGLE CONTACT BLOCK + 1 DOUBLE CONTACT BLOCK

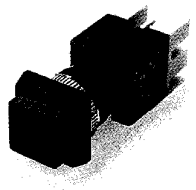


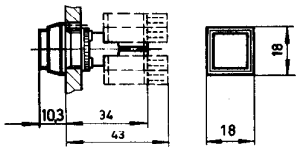
PANEL CUT-OUTS FOR 2 DOUBLE CONTACT BLOCKS



Lamps and accessories page 32 and 33.

Square tapered bezel style



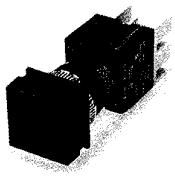


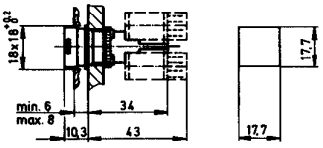
	Faston connection	Solder connection
Momentary switches	**503000**	**503100**
Latching switches	**513000**	**513100**
Signal lamps	**553000**	**553100**

Lenses flat 14x14

	opaque	transparent
white	**462013**	**463013**
yellow	**462113**	**463113**
green	**462213**	**463213**
blue	**462313**	**463313**
red	**462413**	**463413**
black	**462513**	
orange	**462613**	**463613**

Square concealed bezel style



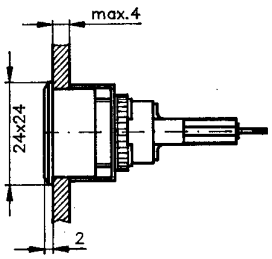


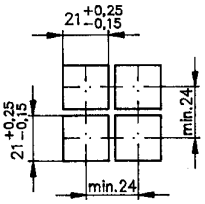
	Faston connection	Solder connection
Momentary switches	**503002**	**503102**
Latching switches	**513002**	**513102**
Signal lamps	**553002**	**553102**

Lenses flat 18x18

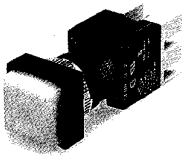
	opaque	transparent
white	**462018**	**463018**
yellow	**462118**	**463118**
green	**462218**	**463218**
blue	**462318**	**463318**
red	**462418**	**463418**
black	**462518**	
orange	**462618**	**463618**

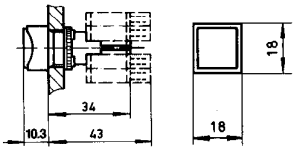
Countersunk mounting is possible with bezel number **593073** for switch 18 x 18. To remove lenses it is recommendable to use lens extractor **592102.**





Square exposed bezel style



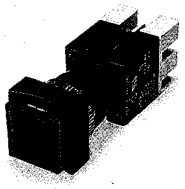


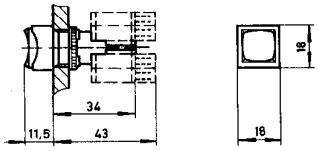
	Faston connection	Solder connection
Momentary switches	**503008**	**503108**
Latching switches	**513008**	**513108**
Signal lamps	**553008**	**553108**

Lenses flat 15x15

	opaque	transparent
white	**462021**	**463021**
yellow	**462121**	**463121**
green	**462221**	**463221**
blue	**462321**	**463321**
red	**462421**	**463421**
black	**462521**	
orange	**462621**	**463621**

Square exposed bezel style concave lens





	Faston connection	Solder connection
Momentary switches	**503008**	**503108**
Latching switches	**513008**	**513108**
Signal lamps	**553008**	**553108**

Lenses concave 15x15

	opaque	transparent
white	**462022**	**463022**
yellow	**462122**	**463122**
green	**462222**	**463222**
blue	**462322**	**463322**
red	**462422**	**463422**
black	**462522**	
orange	**462622**	**463622**

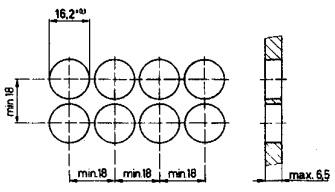
COMMON INFORMATION

All transparent lenses can be specified with a clear lower lens carrier use – 010 suffix.

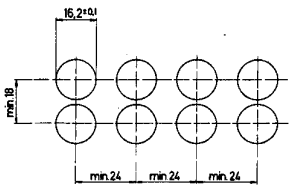
CONTACT BLOCKS TO BE SPECIFIED SEPERATELY. – SEE PAGE 16

Lamp holder T $1\frac{3}{4}$ MG

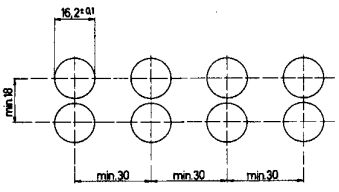
PANEL CUT-OUTS FOR UP TO 2 SINGLE CONTACT BLOCKS



PANEL CUT-OUTS FOR 1 SINGLE CONTACT BLOCK+ 1 DOUBLE CONTACT BLOCK

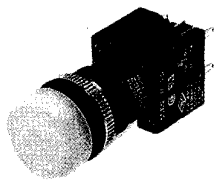


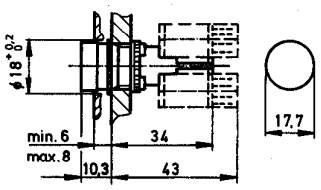
PANEL CUT-OUTS FOR 2 DOUBLE CONTACT BLOCKS



Lamps and accessories page 32 and 33.

Round concealed bezel style

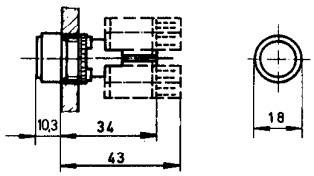




	Faston connection	Solder connection
Momentary switches	505002	505102
Latching switches	515002	515102
Signal lamps	555002	555102

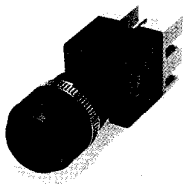
Round exposed bezel style

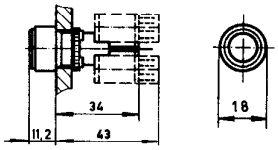




	Faston connection	Solder connection
Momentary switches	505008	505108
Latching switches	515008	515108
Signal lamps	555008	555108

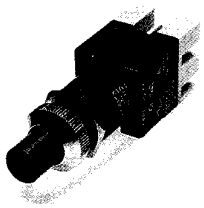
Round exposed bezel style concave lens

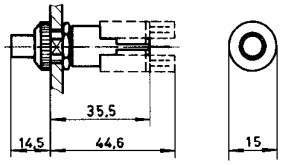




	Faston connection	Solder connection
Momentary switches	505008	505108
Latching switches	515008	515108
Signal lamps	555008	555108

Round Ø15mm threaded version





	Faston connection	Solder connection
Momentary switches	505012	505112
Latching switches	515012	515112
Signal lamps	555012	555112

Lenses flat Ø18

	opaque	transparent
white	464015	465015
yellow	464115	465115
green	464215	465215
blue	464315	465315
red	464415	465415
black	464515	
orange	464615	465615

Lamp holder T 1 3/4 MG

Lenses flat Ø15

	opaque	transparent
white	464021	465021
yellow	464121	465121
green	464221	465221
blue	464321	465321
red	464421	465421
black	464521	
orange	464621	465621

Lamp holder T 1 3/4 MG

Lenses concave Ø15

	opaque	transparent
white	464022	465022
yellow	464122	465122
green	464222	465222
blue	464322	465322
red	464422	465422
black	464522	
orange	464622	465622

Lamp holder T 1 3/4 MG

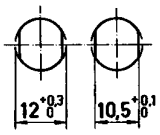
Lenses flat Ø8

	opaque	transparent	transparent for LED Ø5
white	564008	565008	565009
yellow	564108	565108	565109
green	564208	565208	565209
blue	564308	565308	
red	564408	565408	565409
black	564508		
orange	564608	565608	565609

Front ring

	part number
Ø15, conical, knurled bright chrome	593055
Ø14, flat, knurled bright chrome	593056
Ø15, conical, knurled (black anodized)	593055-500

PANEL CUT-OUTS



SWITCH SPACING SEE PANEL CUT OUT DIMENSIONAL DATA BELOW

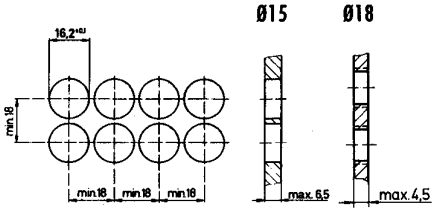
Lamp holder Bi-pin T 1

COMMON INFORMATION

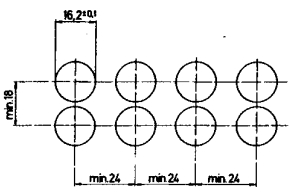
All transparent lenses can be specified with a clear lower lens carrier use – 010 suffix.
(Not available with lens flat Ø8).

CONTACT BLOCKS TO BE SPECIFIED SEPERATELY. – SEE PAGE 16

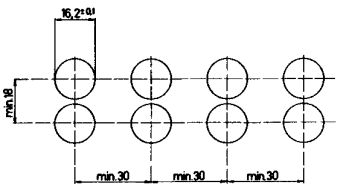
PANEL CUT-OUTS FOR UP TO 2 SINGLE CONTACT BLOCKS



PANEL CUT-OUTS FOR 1 SINGLE CONTACT BLOCK+ 1 DOUBLE CONTACT BLOCK

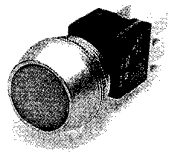


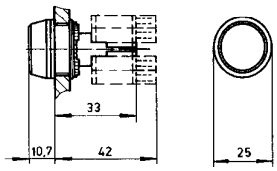
PANEL CUT-OUTS FOR 2 DOUBLE CONTACT BLOCKS



Lamps and accessories page 32 and 33.

Round aluminium bezel style IP65/IP40





	Faston connection	Solder connection
Momentary switches	**505018**	**505118**
Latching switches	**515018**	**515118**
Signal lamps	**555018**	**555118**

Lenses Ø18 IP65

	opaque	transparent
white	**464001**	**465001**
yellow	**464101**	**465101**
green	**464201**	**465201**
blue	**464301**	**465301**
red	**464401**	**465401**
black	**464501**	
orange	**464601**	**465601**

Lenses Ø18 IP40

	opaque	transparent
white	**464015**	**465015**
yellow	**464115**	**465115**
green	**464215**	**465215**
blue	**464315**	**465315**
red	**464415**	**465415**
black	**464515**	
orange	**464615**	**465615**

All transparent lenses can be specified with a clear lower lens carrier use – 010 suffix.

The bezels are made of anodized aluminium alloy.

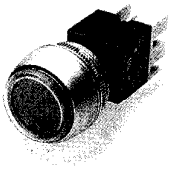
The IP65 standard (splashproof oil tight) is acieved with a sealing ring which comes supplied with the corresponding lens.

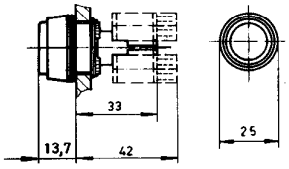
An IP40 version can be achieved by specifying standard lens caps Ø18 IP40.

The bezels are also available in black anodized aluminium. Please contact Sales Office.

Round aluminium bezel style IP65

With built in silicone cap.





	Faston connection	Solder connection
Momentary switches	**505033**	**505133**
Latching switches	**515033**	**515133**
Signal lamps	**555033**	**555133**

Lenses Ø18 IP65

	opaque	transparent
white	**464001**	**465001**
yellow	**464101**	**465101**
green	**464201**	**465201**
blue	**464301**	**465301**
red	**464401**	**465401**
black	**464501**	
orange	**464601**	**465601**

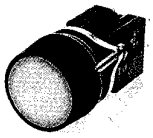
All transparent lenses can be specified with a clear lower lens carrier use – 010 suffix.

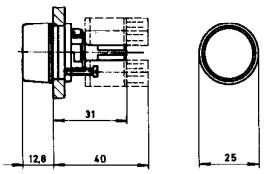
The bezels are made of anodized aluminium alloy.

The IP65 standard (splashproof oil tight) is acieved with a sealing ring which comes supplied with the corresponding lens.

The bezels are also available in black anodized aluminium. Please contact Sales Office.

Round straight plastic bezel style Ø25 IP65



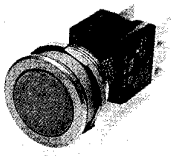


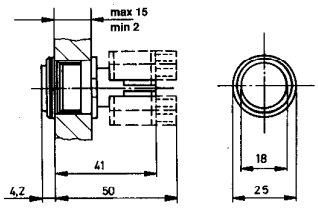
	Faston connection	Solder connection
Momentary switches	**505020**	**505120**
Latching switches	**515020**	**515120**
Signal lamps	**555020**	**555120**

Lenses flat Ø21 IP65

	opaque	transparent
white	**564024**	**565024**
yellow	**564124**	**565124**
green	**564224**	**565224**
blue	**564324**	**565324**
red	**564424**	**565424**
black	**564524**	
orange	**564624**	**565624**

Round flush metal bezel style IP67





	Faston connection	Solder connection
Momentary switches	**505051**	**505151**
Latching switches	**515051**	**515151**
Signal lamps	**555051**	**555151**

Lenses flat Ø18 IP67

	opaque	transparent
white	**564025**	**565025**
yellow	**564125**	**565125**
green	**564225**	**565225**
blue	**564325**	**565325**
red	**564425**	**565425**
black	**564525**	
orange	**564625**	**565625**

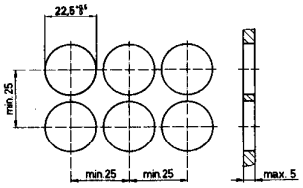
The bezels are made of anodized aluminium alloy and are also available in black anodized aluminium. Please contact Sales Office.

COMMON INFORMATION

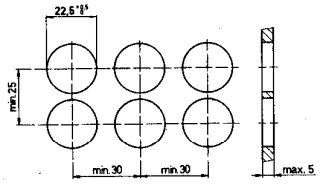
CONTACT BLOCKS TO BE SPECIFIED SEPERATELY. – SEE PAGE 16

Lamp holder T 1¾ MG

PANEL CUT-OUTS FOR UP TO 1 SINGLE CONTACT BLOCK + 1 DOUBLE CONTACT BLOCK

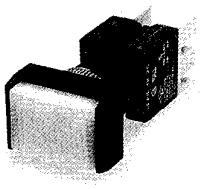


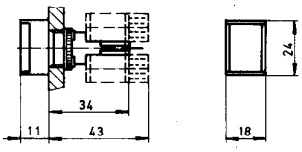
PANEL CUT-OUTS FOR 2 DOUBLE CONTACT BLOCK



Lamps and accessories page 32 and 33.

Rectangular straight bezel style, 18x24 IP67



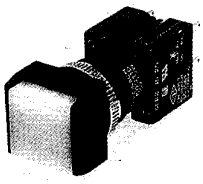


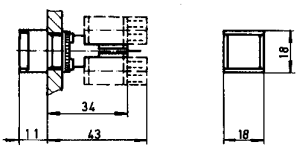
	Faston connection	Solder connection
Momentary switches	501015	501115
Latching switches	511015	511115
Signal lamps	551015	551115

Lenses, flat, 15x21

	opaque	transparent
white	560011	561011
yellow	560111	561111
green	560211	561211
blue	560311	561311
red	560411	561411
black	560511	
orange	560611	561611

Square straight bezel style, 18x18 IP67



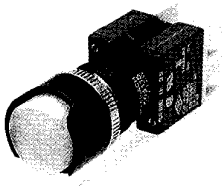


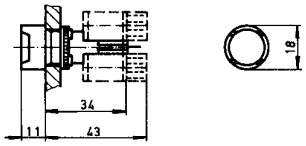
	Faston connection	Solder connection
Momentary switches	503015	503115
Latching switches	513015	513115
Signal lamps	553015	553115

Lenses, flat, 15x15

	opaque	transparent
white	562011	563011
yellow	562111	563111
green	562211	563211
blue	562311	563311
red	562411	563411
black	562511	
orange	562611	563611

Round bezel style, Ø18 IP67





	Faston connection	Solder connection
Momentary switches	505015	505115
Latching switches	515015	515115
Signal lamps	555015	555115

Lenses, flat, Ø15

	opaque	transparent
white	564011	565011
yellow	564111	565111
green	564211	565211
blue	564311	565311
red	564411	565411
black	564511	
orange	564611	565611

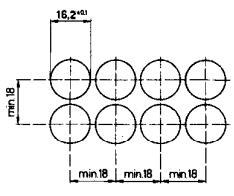
COMMON INFORMATION

When using incandescent lamps ambient temperature = max. 55°C

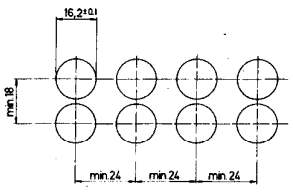
CONTACT BLOCKS TO BE SPECIFIED SEPERATELY. –
SEE PAGE 16

Lamp holder T $1\frac{3}{4}$ MG

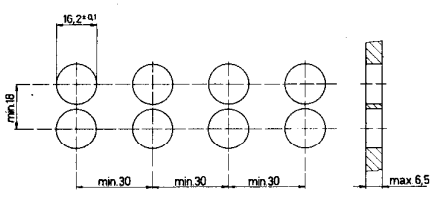
PANEL CUT-OUTS FOR UP TO 2 SINGLE CONTACT BLOCKS (18X18 AND Ø18 STYLE ONLY).



PANEL CUT-OUTS FOR UP TO 1 SINGLE + 1 DOUBLE CONTACT BLOCK

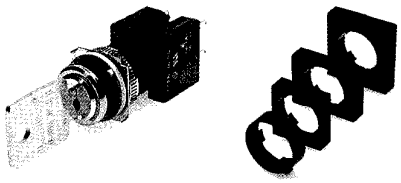


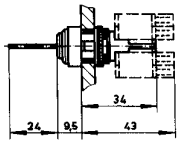
PANEL CUT-OUTS FOR UP TO 2 DOUBLE CONTACT BLOCKS



Lamps and accessories page 32 and 33.

KABA MICRO & KABA-micro E, 2 position with interchangeable bezels

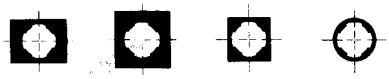




Key removable in position	1 (momentary) Off	2 On	1 Off	1+2 On+Off
KABA Micro	548032	548034	548036	548038
KABA micro-E	548075		548076	548077

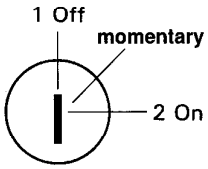
Bezel black, interchangeable

18 x 24	24 x 24	18 x 18	Ø 18
493060	493066	493062	493064

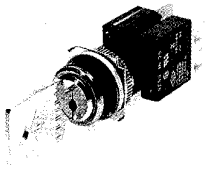


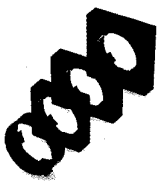
The bezels are easily interchangeable. Thus storage is simplified. The key switch cannot be installed without a bezel.

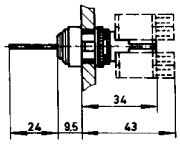
KEY POSITION



KABA MICRO 3 position with interchangeable bezels







Function	Part number	Function	Part number	Function	Part number
Cylinder Element					
1 0 2 •	548050	1 0 2 •	548055	• 1 0 2 •	548060
1 0 2 •	548051	1 0 2 •	548056	• 1 0 2	548061
1 0 2 •	548052	1 0 2	548057	• 1 0 2	548062
1 0 2	548053	1 0 2	548058		
1 0 2	548054	• 1 0 2	548059		

• = Key in removable position

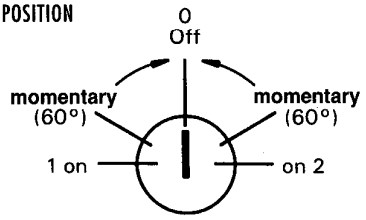
Bezel black, interchangeable

18 x 24	24 x 24	18 x 18	Ø 18
493060	493066	493062	493064

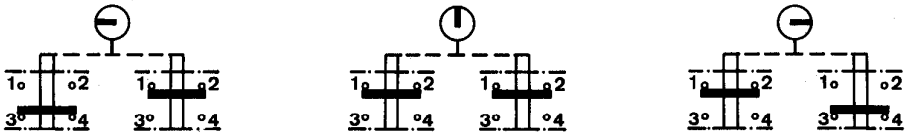


The bezels are easily interchangeable. Thus storage is simplified. The key switch cannot be installed without a bezel.

KEY POSITION



WIRING DIAGRAM



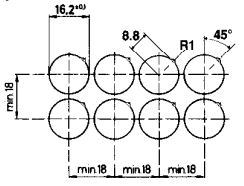
COMMON INFORMATION

KABA MICRO
Precision made cylinders with a high level of security. A large number of different key codes as well as master key and central locking keys are available upon request. Unless specified the switch will be supplied with two keys (EB0001). Please contact Sales Office where special key coding is required.

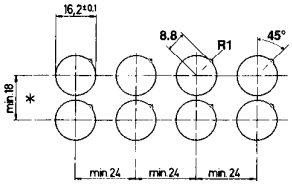
KABA Micro–E
Built with the same precision made cylinders as KABA MICRO but a low cost version, available with one key code (ED9001). Supplied with one key only.

Note: (1) Additional or replacement keys can be supplied. Please contact Sales Office for further information.

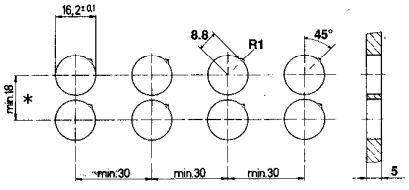
PANEL CUT-OUTS FOR UP TO 2 SINGLE CONTACT BLOCKS (18X18 AND Ø18 STYLE ONLY).



PANEL CUT-OUTS FOR UP TO 1 SINGLE + 1 DOUBLE CONTACT BLOCK



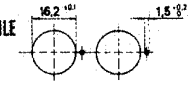
PANEL CUT-OUTS FOR UP TO 2 DOUBLE CONTACT BLOCKS



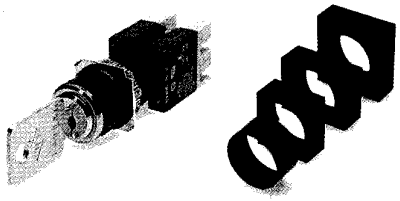
CONTACT BLOCKS TO BE SPECIFIED SEPERATELY. –
SEE PAGE 16

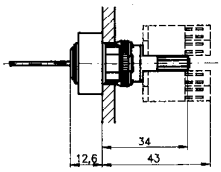
* NB THIS DIMENSION WILL INCREASE TO 24MM IF 24X24 BEZEL STYLE IS USED.

PLEASE USE FOLLOWING PANEL-CUT OUT PROFILE WHEN 18X24 & 24X24 BEZEL STYLE IS USED.



KABA MICRO & KABA-micro E 2 position with snap-on bezels IP65





Key removable in position	1 (momentary) Off	2 On	1 Off	1+2 On+Off
KABA Micro	548132	548134	548136	548138
KABA micro-E	548175		548176	548177

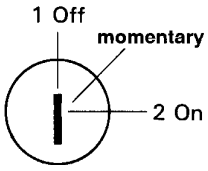
Bezel black, snap-on

18 x 24	24 x 24	18 x 18	Ø 18
593060	593066	593062	593064

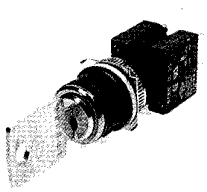


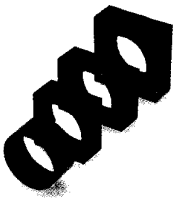
Once that a bezel has been assembled it can no longer be removed.

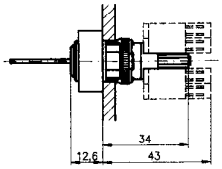
KEY POSITION



KABA MICRO 3 position with snap-on bezels IP65





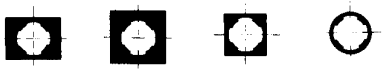


Function	Part number	Function	Part number	Function	Part number
Cylinder Element					
	548150		548155		548160
	548151		548156		548161
	548152		548157		548162
	548153		548158		
	548154		548159		

• = Key in removable position

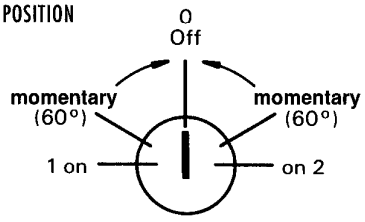
Bezel black, snap-on

18 x 24	24 x 24	18 x 18	Ø 18
593060	593066	593062	593064

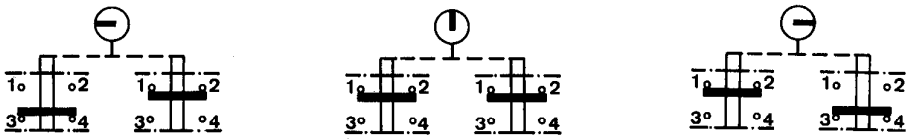


Once that a bezel has been assembled it can no longer be removed.

KEY POSITION



WIRING DIAGRAM

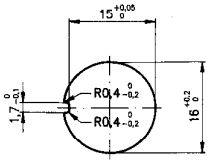


COMMON INFORMATION

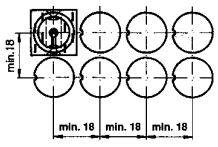
KABA MICRO
Precision made cylinders with a high level of security. A large number of different key codes as well as master key and central locking keys are available upon request. Unless specified the switch will be supplied with two keys (EB0001). Please contact Sales Office where special key coding is required.

KABA Micro–E
Built with the same precision made cylinders as KABA MICRO but a low cost version, available with one key code (ED9001). Supplied with one key only.

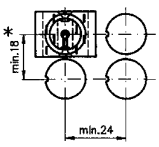
Note: (1) Key switches sealed to IP65, have snap-on bezels that lock into position once key switch is assembled into panel.
(2) Additional or replacement keys can be supplied. Please contact Sales Office for further information.



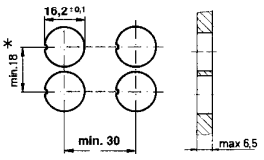
PANEL CUT-OUTS FOR UP TO 2 SINGLE CONTACT BLOCKS (18X18 AND Ø18 STYLE ONLY).



PANEL CUT-OUTS FOR UP TO 1 SINGLE + 1 DOUBLE CONTACT BLOCK



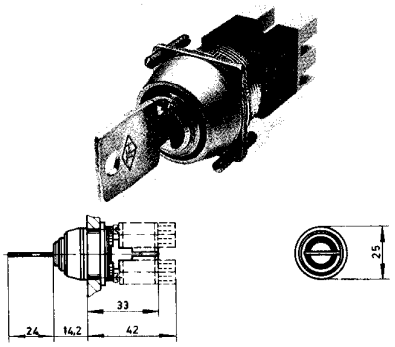
PANEL CUT-OUTS FOR UP TO 2 DOUBLE CONTACT BLOCKS



CONTACT BLOCKS TO BE SPECIFIED SEPERATELY. –
SEE PAGE 16

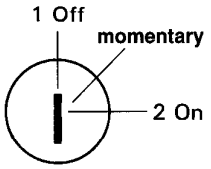
* NB THIS DIMENSION WILL INCREASE TO 24MM IF 24X24 BEZEL STYLE IS USED.

KABA MICRO Metal bezel 2 position IP65
KABA-micro E



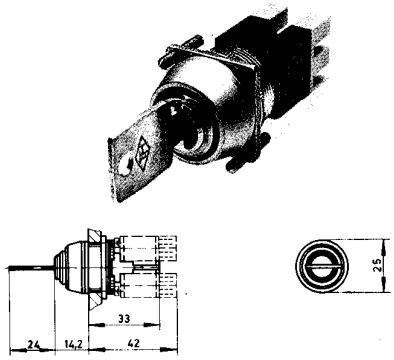
Key removable in position	1 (momentary) Off	2 On	1 Off	1+2 On+Off
KABA Micro	544040	544041	544042	544043
KABA micro-E	544075		544076	544077

KEY POSITION



The bezels are made of anodized aluminium alloy and are also available in black anodized aluminium. Please contact Sales Office.

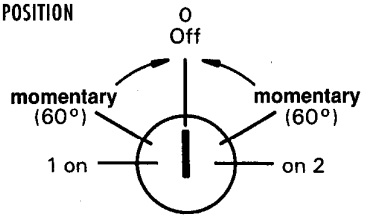
KABA MICRO metal bezel 3 position IP65



Function	Part number	Function	Part number	Function	Part number
Cylinder Element					
	544050		544055		544060
	544051		544056		544061
	544052		544057		544062
	544053		544058		
	544054		544059		

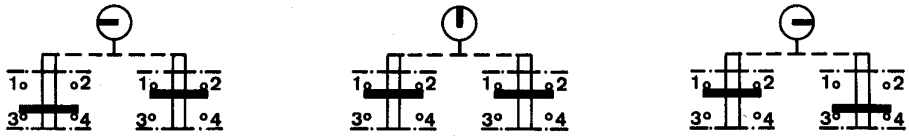
• = Key in removable position

KEY POSITION



The bezels are made of anodized aluminium alloy and are also available in black anodized aluminium. Please contact Sales Office.

WIRING DIAGRAM



COMMON INFORMATION

KABA MICRO
Precision made cylinders with a high level of security. A large number of different key codes as well as master key and central locking keys are available upon request. Unless specified the switch will be supplied with two keys (EB0001). Please contact Sales Office where special key coding is required.

KABA Micro–E
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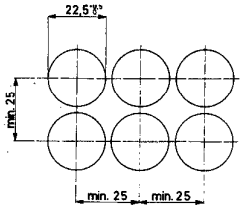
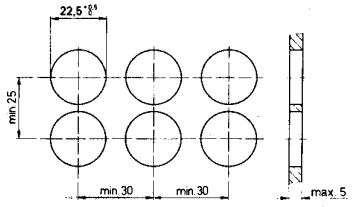
Note: (1) Additional or replacement keys can be supplied.
Please contact Sales Office for further information.

CONTACT BLOCKS TO BE SPECIFIED SEPERATELY. –
SEE PAGE 16

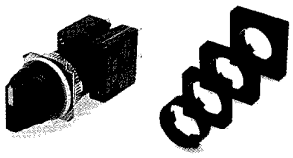
PANEL CUT-OUTS FOR UP TO 1 SINGLE + 1 DOUBLE CONTACT BLOCK

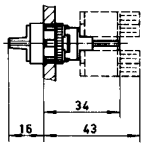


PANEL CUT-OUTS FOR UP TO 2 DOUBLE CONTACT BLOCKS



2 position interchangeable bezel IP40





Functions	1 momentary	1+2 Off/On
Rotary switches	508021	508020

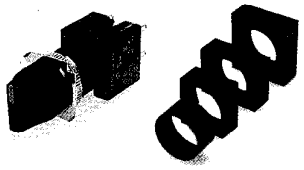
Bezel black, interchangeable

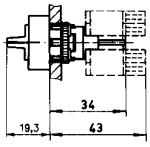
18 x 24	24 x 24 (engravable)	18 x 18	Ø 18
493060	493066	493062	493064



The bezels are easily interchangeable. Thus storage is simplified. the switch cannot be installed without a bezel.

2 position snap-on bezel IP65

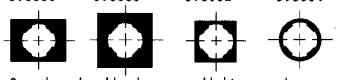




Functions	1 momentary	1+2 Off/On
Rotary switches	508026	508025

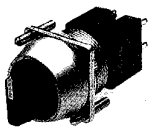
Bezel black, snap-on

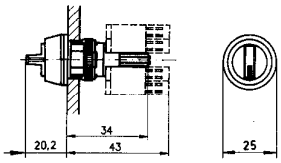
18 x 24	24 x 24	18 x 18	Ø 18
593060	593066	593062	593064



Once that a bezel has been assembled it can no longer be removed.

2 position Metal bezel Ø25 IP 65

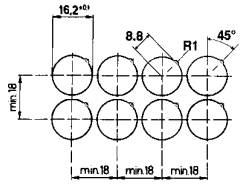




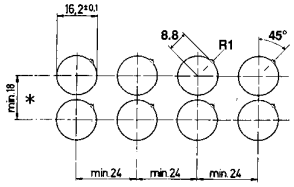
Functions	1 impulse	1+2 Off/On
Rotary switches	508031	508030

The bezels are made of anodized aluminium alloy and are also available in black anodized aluminium. Please contact Sales Office.

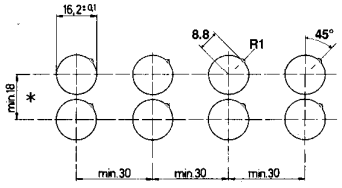
PANEL CUT-OUTS FOR UP TO 2 SINGLE CONTACT BLOCKS (18X18 AND Ø18 STYLE ONLY).



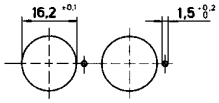
PANEL CUT-OUTS FOR UP TO 1 SINGLE + 1 DOUBLE CONTACT BLOCK



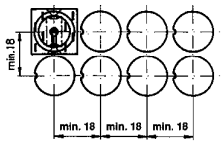
PANEL CUT-OUTS FOR UP TO 2 DOUBLE CONTACT BLOCKS



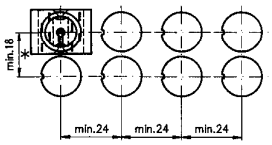
PLEASE USE FOLLOWING PANEL-CUT OUT PROFILE WHEN 18X24 & 24X24 BEZEL STYLE IS USED.



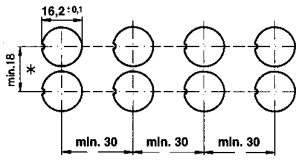
PANEL CUT-OUTS FOR UP TO 2 SINGLE CONTACT BLOCKS (18X18 AND Ø18 STYLE ONLY).



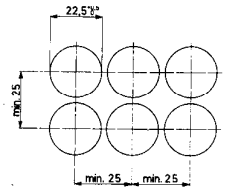
PANEL CUT-OUTS FOR UP TO 1 SINGLE + 1 DOUBLE CONTACT BLOCK



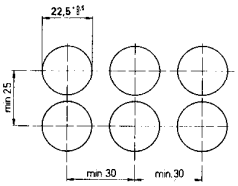
PANEL CUT-OUTS FOR UP TO 2 DOUBLE CONTACT BLOCKS



PANEL CUT-OUTS FOR UP TO 1 SINGLE + 1 DOUBLE CONTACT BLOCK



PANEL CUT-OUTS FOR UP TO 2 DOUBLE CONTACT BLOCKS

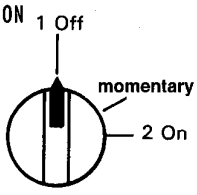


COMMON INFORMATION

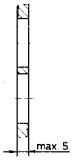
The rotary knob is supplied in black.
The indicating bar is marked in white.

CONTACT BLOCKS TO BE SPECIFIED SEPERATELY. – SEE PAGE 16

KNOB POSITION



PANEL THICKNESS



* NB THIS DIMENSION WILL INCREASE TO 24MM IF 24X24 BEZEL STYLE IS USED.

Function description

A	Momentary switch	Not mechanically latching
B	Latching switch	Mechanically latching
C α	Push-push release	Release of switch by pushing again
D	Reciprocal release	An actuated switch is released by operating another switch
E	Master release	Momentary switch, which releases all latched switches
F	Master release solenoid	All latched switches are released by applying an impulse to the solenoid
G	Interlock	Simultaneous operation of two switches is inhibited
H β	Locking device, key operated	All switches, whether actuated or not, are locked
I	Locking device, solenoid-operated	All switches, whether actuated or not, are locked by applying a voltage to the solenoid
K β	Additional latching switches, not interlocking	Further to interlocked switches, other special switches can be operated. All switches are released simultaneously
N β	Lock-out device, key-operated	If all switches are in a neutral position, they can be locked out by a key-operated locking switch
O β	Lock-out device, solenoid-operated	If all switches are in a neutral position, they can be locked out by a solenoid

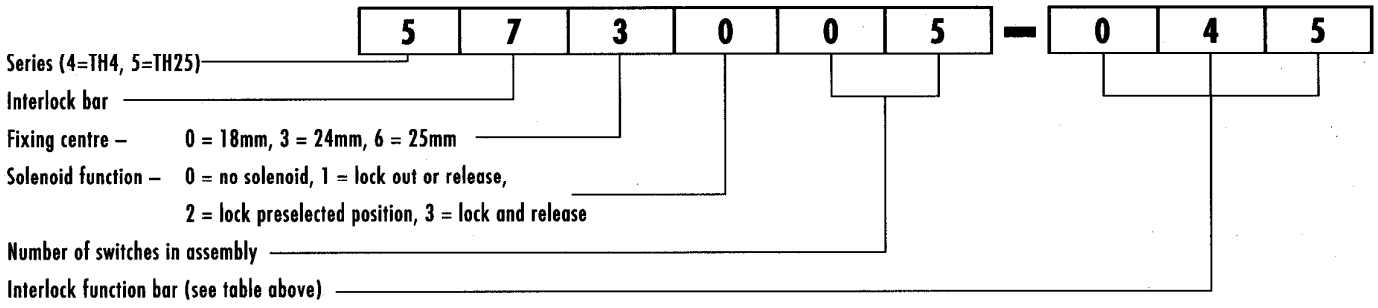
α This function requires a latching switch and is not available in the th4 series. All other functions require a momentary switch.
β The locking of the switch can only be guaranteed up to a maximum pressure of 30N.

INTERLOCK BAR FUNCTION	FIXING CENTRES 18mm	FIXING CENTRES 24mm	FIXING CENTRES 25mm
BDG	5700.. 001	5730.. 001	5760.. 001
BDEG	5700.. 002	5730.. 002	5760.. 002
BDFG	5701.. 003*	5731.. 003*	5761.. 003*
BDEFG	5701.. 004*	5731.. 004*	5761.. 004*
BE	5700.. 005	5730.. 005	5760.. 005
BEG	5700.. 006	5730.. 006	5760.. 006
BF	5701.. 007*	5731.. 007*	5761.. 007*
BFG	5701.. 008*	5731.. 008*	5761.. 008*
BEF	5701.. 009*	5731.. 009*	5761.. 009*
BEFG	5701.. 010*	5731.. 010*	5761.. 010*
BDGK	5700.. 014	5730.. 014	5760.. 014
BDEGK	5700.. 015	5730.. 015	5760.. 015
BDFGK	5701.. 016*	5731.. 016*	5761.. 016*
BDEFGK	5701.. 017*	5731.. 017*	5761.. 017*
BEGK	5700.. 018	5730.. 018	5760.. 018
BFGK	5701.. 019*	5731.. 019*	5761.. 019*
BEFGK	5701.. 020*	5731.. 020*	5761.. 020*
BCG	5700.. 021	5730.. 021	5760.. 021
BCGN	5700.. 022	5730.. 022	5760.. 022
BCN	5700.. 023	5730.. 023	5760.. 023
BCO	5701.. 024*	5731.. 024*	5761.. 024*
BCGO	5701.. 025*	5731.. 025*	5761.. 025*

INTERLOCK BAR FUNCTION	FIXING CENTRES 18mm	FIXING CENTRES 24mm	FIXING CENTRES 25mm
AN	5700.. 033	5730.. 033	5760.. 033
AO	5701.. 034*	5731.. 034*	5761.. 034*
AGO	5701.. 035*	5731.. 035*	5761.. 035*
AH	5700.. 036	5730.. 036	5760.. 036
AGH	5700.. 037	5730.. 037	5760.. 037
AI Δ	5702.. 038*	5732.. 038*	5762.. 038*
AGI Δ	5702.. 039*	5732.. 039*	5762.. 039*
AG	5700.. 040	5730.. 040	5760.. 040
AGN	5700.. 041	5730.. 041	5760.. 041
BDGH	5700.. 045	5730.. 045	5760.. 045
BDEGH	5700.. 046	5730.. 046	5760.. 046
BDFGH	5701.. 047*	5731.. 047*	5761.. 047*
BDEFGH	5701.. 048*	5731.. 048*	5761.. 048*
BDGI Δ	5702.. 049*	5732.. 049*	5762.. 049*
BDEGI Δ	5702.. 050*	5732.. 050*	5762.. 050*
BDFGI Δ	5703.. 051#	5733.. 051#	5763.. 051#
BDEFGI Δ	5703.. 052#	5733.. 052#	5763.. 052#
BDGHI Δ	5702.. 053*	5732.. 053*	5762.. 053*
BDEGHI Δ	5702.. 054*	5732.. 054*	5762.. 054*
BDFGHI Δ	5703.. 055#	5733.. 055#	5763.. 055#
BDEFGHI Δ	5703.. 056#	5733.. 056#	5763.. 056#

* FOR THESE RAILS THE CORRECT SOLENOID MUST BE ORDERED AT THE SAME TIME.
\# FOR THESE RAILS THE CORRECT TWO SOLENOIDS MUST BE ORDERED AT THE SAME TIME.
Δ ONLY AVAILABLE TO A MAXIMUM OF ELEVEN SWITCHES.

Part number build up for interlock bar

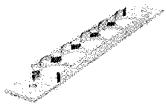
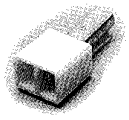


THE MAXIMUM NUMBER OF SWITCHES IN AN ASSEMBLY IS 12.

th4	th5	th25			Part number
●	●		**Contact block**		
			250V AC 5A		
			1NC + 1NO	Gold	493500 000
			1NO	Gold	493500 020
			1NC	Gold	493500 050
			1NC + 1NO	Silver	493500 100
●	●		**Pair of screws**		
			for 1 contact block		493521
			for 2 contact blocks		493522
			for 3 contact blocks		493523
			for 4 contact blocks		493524
●	●		**End plate**		
					493520
●	●		**Hold module**		
			for impulse switches with impulse-hold contact		493501
●			**Incandescent lamps T 5, 5 wedge base**		
			average life time ca 2000 hours		
			6V	200mA	490000
			12V	100mA	490001
			24V	50mA	490002
			28V	20mA	490007
			36V	35mA	490003
			48V	25mA	490004
			60V	20mA	490005
●			**Neon bulbs T 5, 5 wedge base**		
			with built in resistor		
				110V ~	490100
				220V ~	490101
			with green fluorescent layer		
				220V ~	490103
●			**Multi-LED T 5, 5 wedge base**		
			6V	red	490230
				yellow	490231
				green	490232
			12V	red	490233
				yellow	490234
				green	490235
			24V	red	490236
				yellow	490237
				green	490238
			48V	red	490239
				yellow	490240
				green	490241
		●	**Bi-Pin incandescent lamps T1**		
			6V	115mA	590010
			12V	60mA	590011
			18V	26mA	590012
			24V	24mA	590013
			28V	24mA	590014
			36V	20mA	590015
		●	**Bi-Pin LED T1**		
				red	590211
				yellow	590212
				orange	590213
				green	590214

th4	th5	th25			Part number
	●	●	**Multi-LED T 1¾ midget grooved**		
			6V	red	590230
				yellow	590231
				green	590232
			12V	red	590233
				yellow	590234
				green	590235
			24V	red	590236
				yellow	590237
				green	590238
			48V	red	590239
				yellow	590240
				green	590241
	●	●	**Incandescent lamp T 1¾ midget grooved**		
			6,3V	200mA	590000
			14V	80mA	590001
			28V	40mA	590002
			36V	30mA	590003
			48V	25mA	590004
			60V	20mA	590005
	●	●	**Neon bulbs T 1¾ midget grooved**		
			without built-in resistor		
			90V	1mA	590100
●	●	●	**Lamp extractor**		
					492000
●	●	●	**Mounting spanner**		
			metal	Ø16mm box	492100
				Ø22,5mm box	492105
			metal	Ø16mm sidewise	492111
				Ø22,5mm sidewise	492116
			plastic	Ø16mm sidewise	492110
				Ø22,5mm sidewise	492115
●	●	●	**Lens extractor**		
					492005
●	●	●	**Fixing nut**		
			metal	Ø16mm	593545
				Ø22,5mm	593547
●	●	●	**Anti-rotation plate**		
			for key-switches or rotary switches with build-in diameter 22,5mm		493532
●	●	●	**Guard bracket 18 x 24**		
			anodized aluminium		
			length: 24mm, width: 20,3mm, height: 11mm (Silver)		493010
			length: 24mm, width: 20,3mm, height: 11mm (Black)		493010-500
●	●	●	**Guard bracket 18 x 18**		
			anodized aluminium		
			length: 18mm, width: 20,3mm, height: 11mm (Silver)		493011
			length: 18mm, width: 20,3mm, height: 11mm (Black)		493011-500

th 4	th 5	th 25		Part number	
●	●	●	**Guard ring Ø18**		
			anodized aluminium outside diameter: width: 20mm, height: 11mm (silver) outside diameter: width: 20mm, height: 11mm (black)	 **493012** **493012-500**	
●	●		**Guard frame 18 x 24**		
			against accidental operation of concealed bezel style switches –rectangular, black	 **493020**	
			length: 25,7mm, width: 19,9mm, height: 11.8mm		
			–U-shaped switches to be mounted with 25mm spacing, black	 **493026**	
			length: 24,9mm, width: 19,9mm, height: 11.8mm		
●	●	●	**Protecting cover**		
			with transparent cover, can be leadsealed for tapered and exposed bezel style 24,2 x 18 (switches 18 x 18) 24,2 x 24 (switches 18 x 24) for concealed bezel style 24,2 x 24 (switches 18 x 24)	 **593032** **593035** **593037**	
		●	**Protecting cover IP67**		
			for straight bezel style IP 67 24,2 x 18 (switches 18 x 18) 24,2 x 24 (switches 18 x 24)	 **593033** **593036**	
●	●	●	**Splashproof protection 18x24, 18x18, IP65**		
			Splashproof protection 18 x 24 length: 30mm, width: 24mm, height: 12,5mm	 **493031**	
			Splashproof protection 18 x 18 length: 24mm, width: 24mm, height: 12,5mm made of transparent plastic, in two pieces, conforms to standard IP 65 Not suitable for concealed bezels	 **493032**	
●	●	●	**Sealing Ring Ø25**		
			with transparent silicone cap, offers protection against viscous fluids and grinding particles, for push buttons Ø25mm State diameter of thread with repeat orders	**493033** Silver **493033-500** black	
●	●	●	**Panel plug standard, black, Ø16 cut out**		
			18 x 24	**493000**	
			18 x 18	**493002**	
			Ø18	**493004**	
●	●	●	**Panel plug IP 67, black, Ø16 cut out**		
			18 x 24	**593000**	
			18 x 18	**593002**	
			Ø18	**593004**	

th 4	th 5	th 25		Part number	
●	●		**Terminal cover**		
			to prevent accidental touching of the switch terminals	**493510**	
●	●	●	**Drilling gauge**		
				492121	
●	●	●	**Mounting rail**		
			for all bezels measuring 18 x 18, 18 x 24, Ø18		
			Spacing of switches 18mm 24mm	**4938..*** **4939..***	
			*The last two digits correspond to the number of switches, e.g. 2 switches = 493802, 11 switches = 493911		
		●	**Faston pin 2,8 x 0,5mm**		
			insulated for wires 0,8 - 1,4mm²	**593571**	
		●	**Faston pin 2,8 x 0,5mm**		
			insulated for wires 0,5 - 1,0mm²	**593572**	
		●	**Insulating sleeve**		
			for faston pin: 593572 for wires 0,8 - 1,4mm²	**59357**	
		●	**For faston pin plugs:**		
			Faston pin 2,8 x 0,5mm for wires 0,3 - 0,6mm²	**593573**	
			Faston pin remover to unlock the catch in the casing	**593581**	
			Faston castings for contact blocks 1 NO + 1 NC	 **593574**	
			for lamp connection	**593575**	
		●	**Dual faston pin 2,8 x 0,5mm**		
			for looping connections. On contact blocks with extended insulation, due to space-requirements only the NO resp. only the NC contacts can accomodate dual pins.	**593579**	
		●	**Plug-in sockets**		
			for switches and contact blocks PCB mounting rating: 250V AC, 1A contact resistance: typical 10m Ω for 1 NO + 1NC and indicator terminals for 2 NO + 2NC and indicator terminals for signal lamp for 1 NO + 1NC without indicator terminals	 **593578** **593568** **593586** **593582**	
●		●	**Anti-rotation plate**		
			for key-switches and rotary switches Ø16mm with exchangeable bezels	**053205**	