

## Accessories for manual switch-disconnectors OT16...160

### Ordering information for handle knobs



OHBS1



OHR52



OHBS3



OHR53



OHR59



OHBS11



OHBS12



OHBS16

#### Handle knobs for base and DIN-rail mounted switches

Mounting directly to the switch, no shaft needed. Packing includes 10pcs.

Type	Order code	Colour	Handle length mm	Weight/ unit kg
OHBS1	1SCA109087R1001	Black	31	0.01
OHBS1/1 <sup>1)</sup>	1SCA109088R1001	Black	31	0.01
OHBS2	1SCA109089R1001	Black	40	0.01
OHBS2/1 <sup>1)</sup>	1SCA109090R1001	Black	40	0.01
OHBS3	1SCA108320R1001	Black	39	0.01
OHBS3/1 <sup>1)</sup>	1SCA108319R1001	Black	39	0.01
OHBS9	1SCA108665R1001	Black	72	0.01
OHBS9/1 <sup>1)</sup>	1SCA108689R1001	Black	72	0.01
OHBS11	1SCA109092R1001	Black	57	0.01
OHBS12	1SCA108252R1001	Black	37	0.01
OHBS13	1SCA112046R1001	Black	72	0.019
OHBS13/1 <sup>1)</sup>	1SCA112047R1001	Black	72	0.019
OHBS14	1SCA152488R1001	Black	40	0.01
OHBS16	1SCA149863R1001	Black	74	0.01
OHR51	1SCA109095R1001	Red	31	0.01
OHR51/1 <sup>1)</sup>	1SCA109096R1001	Red	31	0.01
OHR52	1SCA108598R1001	Red	40	0.01
OHR52/1 <sup>1)</sup>	1SCA108599R1001	Red	40	0.01
OHR53	1SCA108667R1001	Red	39	0.01
OHR53/1 <sup>1)</sup>	1SCA108688R1001	Red	39	0.01
OHR59	1SCA108666R1001	Red	72	0.01
OHR59/1 <sup>1)</sup>	1SCA108690R1001	Red	72	0.01
OHR512	1SCA108253R1001	Red	37	0.01
YAST1	1SCA022301R5350	Black	72	0.023

<sup>1)</sup> delivery batch 1pc

#### Direct handles for OT16F...125F\_ and OT160G\_

		Knob non-padlockable	Knob padlockable	Knob shaft through non-padlockable	Knob shaft through padlockable
Switches 3- and 4-pole	OT16...40F3/F4	OHBS1, OHR51 OHBS3, OHR53	OHBS7 (3P) OHBS8 (4P)	Standard knob	OHBS12, OHR512
	OT63...80F3/F4	OHBS1, OHR51 OHBS3, OHR53	OHBS2, OHR52	Standard knob	OHBS14
	OT100...125F3/F4	OHBS3, OHR53	OHBS2, OHR52	Standard knob	OHBS11 <sup>1)</sup> , OHBS14
	OT30...60F3/F4	OHBS3, OHR53	OHBS2, OHR52	Standard knob	OHBS11 <sup>1)</sup> , OHBS14
	OT160G3/4	YAST1		OHBS13, OHR513	OHBS16 <sup>1)</sup>
Switches 6- and 8-pole	OT16...40F6/F8	OHBS3, OHR53		Standard knob	OHBS12, OHR512
	OT63...80F6/F8	OHBS9, OHR59			OHBS12, OHR512
	OT100...125F6/F8	OHBS9, OHR59			OHBS11 <sup>1)</sup>
	OT30...60F6/F8	OHBS9, OHR59			OHBS11 <sup>1)</sup>
Change-over switches	OT16...40F3C/F4C	OHBS3, OHR53	OHBS2, OHR52	Standard knob	OHBS12, OHR512
	OT63...80F3C/F4C	OHBS3, OHR53			OHBS12, OHR512
	OT100...125F3C/F4C	OHBS9, OHR59			OHBS11 <sup>1)</sup>

<sup>1)</sup> Suitable for 3 padlocks with bail diameter 5mm

## Accessories for manual switch-disconnectors OT16...160

### Ordering information for handles



OHYS7



OHBS8



OHBS3AH



OHYS3AH



OHBS2AJ



OHYS2AJ



OHBS2AJ\_EH

#### Adapter handles, for base and DIN-rail mounted installation switches

Mounting directly to the switch, no shaft needed.

Suitable for switches	Colour	Type	Order code	Weight/ unit kg
OT16...40F3	Black	OHBS7	1SCA108546R1001	0.08
OT16...40F4	Black	OHBS8	1SCA108545R1001	0.08
OT16...40F3	Red	OHYS7	1SCA109852R1001	0.08
OT16...40F4	Red	OHYS8	1SCA109862R1001	0.08

Handle type	Shaft through the handle	45 mm cut-out enable*
OHBS7_, OHRS7_	No	Yes
OHBS8_, OHRS8_	No	Yes

\* in I-position the handle shall remain within the cut-out height

#### Selector handles for base and DIN-rail mounted switches

For shaft diameter 6 mm, door drilling 22.5 mm. Indication I-O and ON-OFF.

Suitable for switches	Colour	Type	Order code	Weight/ unit kg
<b>IP54 handles, NEMA 1</b>				
OT16...80F	Black	OHBS1AH	1SCA102680R1001	0.05
	Red-yellow	OHYS1AH	1SCA105290R1001	0.05
<b>Door interlock in ON-position</b>				
OT16...80F	Black	OHBS1AH1	1SCA105210R1001	0.05
	Red-yellow	OHYS1AH1	1SCA105291R1001	0.05
<b>Padlockable with one padlock with bail diameter 5...6.3 mm</b>				
OT16...125F	Black	OHBS3AH	1SCA105234R1001	0.05
	Red-yellow	OHYS3AH	1SCA105325R1001	0.05
<b>Padlockable with one padlock with bail diameter 5...6.3 mm, door interlock in ON-position</b>				
OT16...125F	Black	OHBS3AH1	1SCA105235R1001	0.05
	Red-yellow	OHYS3AH1	1SCA105326R1001	0.05
<b>IP65 handles, NEMA 1, 3R, 12</b>				
Padlockable with max. 3 padlocks with bail diameter 5...8 mm, defeatable door interlock in ON-position, door interlocking in OFF-position when padlocked				
OT16...125F	Black	OHBS2AJ	1SCA105213R1001	0.07
	Red-yellow	OHYS2AJ	1SCA105296R1001	0.07
<b>Padlockable with max. 3 padlocks with bail diameter 5...8 mm, door interlock in ON-position</b>				
OT16...125F	Black	OHBS2AJ1	1SCA105215R1001	0.07
	Red-yellow	OHYS2AJ1	1SCA105297R1001	0.07

#### Selector handle with metal hasp

<b>IP65 handles, NEMA 1, 3R, 12</b>				
<b>Padlockable with max. 3 padlocks, door interlock in the ON-position, defeatable</b>				
OT16...125F	Black	OHBS2AJEH	1SCA108230R1001	0.07
<b>Padlockable with max. 3 padlocks, door interlock in the ON-position, non-defeatable</b>				
OT16...125F	Black	OHBS2AJ1EH	1SCA105217R1001	0.07

- Door interlocking in ON-position means that the door can not be opened, when the handle is in ON-position. This can be defeated in IP65 types to allow authorized personnel access for inspection. The padlocked handle is not defeatable.

## Accessories for manual switch-disconnectors OT16...160

### Ordering information for handles



OHBS3PH, RH



OHYS3PH, RH



OHBS2PJ, RH



OHYS2PJ, RH

#### Selector handles for door mounted switches

Indication I-O and ON-OFF. No separate shaft needed.

Suitable for switches	Colour	Type	Order code	Weight/ unit kg
<b>Snap-on mounting, door drilling 22.5 mm</b>				
<b>No padlocking, IP54, NEMA 1</b>				
OT16...40FT	Black	OHBS1PH	1SCA105211R1001	0.05
	Red-yellow	OHYS1PH	1SCA105294R1001	0.05
<b>Padlockable with one padlock, IP54, NEMA 1</b>				
OT16...40FT	Black	OHBS3PH	1SCA105236R1001	0.05
	Red-yellow	OHYS3PH	1SCA105327R1001	0.05
<b>Padlockable with max. 3 padlocks, IP65, NEMA 1, 3R, 12</b>				
OT16...40FT	Black	OHBS2PJ	1SCA105231R1001	0.07
	Red-yellow	OHYS2PJ	1SCA105322R1001	0.07
<b>Screw mounting, hole distance 36 mm</b>				
<b>No padlocking, IP54, NEMA 1</b>				
OT16...80FT	Black	OHBS1RH	1SCA105212R1001	0.05
	Red-yellow	OHYS1RH	1SCA105295R1001	0.05
<b>Padlockable with one padlock, IP54, NEMA 1</b>				
OT16...80FT	Black	OHBS3RH	1SCA105237R1001	0.05
	Red-yellow	OHYS3RH	1SCA105328R1001	0.05
<b>Padlockable with max. 3 padlocks, IP65, hole distance 36/48 mm, NEMA 1, 3R, 12</b>				
OT16...125FT	Black	OHBS2RJ	1SCA105232R1001	0.07
	Red-yellow	OHYS2RJ	1SCA105323R1001	0.07

- Door interlocking in ON-position means that the door can not be opened, when the handle is in ON-position.  
This can be defeated in IP65 types to allow authorized personnel access for inspection. The padlocked handle is not defeatable.

## Accessories for manual switch-disconnectors OT16...160

### Ordering information for handles



OZ331\_B



OZ331\_RY



OZ371PB



OHB\_



OHY\_



OHG45J6



OHZX6

#### Round padlockable handles for base and DIN-rail mounted switches OT16...125

Padlockable in 0-position, max 3 padlocks with max 8 mm hasp diameter.

Indication I-O and ON-OFF.

Suitable for switches	Colour	Type	Order code	Weight/ unit kg
<b>One hole mounting handle, IP65, NEMA 4X outdoor, size 66x66</b>				
OT16...125F, OT30...100F	Black	OZ331SPB	1SCA112983R1001	0.05
	Red-yellow	OZ331SPRY	1SCA113097R1001	0.05
<b>IP67, NEMA 4X, size 66x66</b>				
OT16...125F, OT30...100F	Black	OZ331P67B	1SCA111427R1001	0.04
	Red-yellow	OZ331P67RY	1SCA111429R1001	0.04
<b>Handles with door coupling in ON-position, not defeatable, IP65, NEMA 4X, size 66x66</b>				
Shaft alignment ring for OZ371P_ handle, see page 47.				
OT16...125F, OT30...100F	Black	OZ371PB	1SCA111684R1001	0.05
	Red-yellow	OZ371PRY	1SCA111685R1001	0.05

#### Pistol handles for base and DIN-rail mounted switches OT16...125F and OT160G

For shaft diameter 6 mm, IP65, NEMA 1, 3R, 12, padlockable with three padlocks in OFF-position, door interlock in ON-position. Screw fixing from the back side of the handle. No screws on the front ensures double insulation. Indication in types OHB and OHY: I-O, ON-OFF, in types OHG: I-O.

Handle length mm	Colour	Type	Order code	Weight/ unit kg
45	Black	OHB45J6	1SCA022380R8770	0.10
45	Red-yellow	OHY45J6	1SCA022380R8930	0.10
45	Grey	OHG45J6	1SCA022380R8850	0.10

- Door interlocking in ON-position means that the door can not be opened, when the handle is in ON-position.
- Door interlocking can be defeated in IP65 types to allow authorized personnel access for inspection.
- Handles padlockable in ON and OFF positions available on request.
- The door is locked when the handle is padlocked. The padlocked handle is not defeatable.

#### Pistol handle mounting kit for OT 100...125 FT\_ and OT160GT switches

Mounting kit OHZX6 consists of door mount handle fixing plate, screws and shaft.

The pistol handle is not included.

Suitable for switches	Colour	Type	Order code	Weight/ unit kg
OT100...125 FT_ OT30...100FT, OT160GT	Black	OHZX6	1SCA022559R5670	0.01

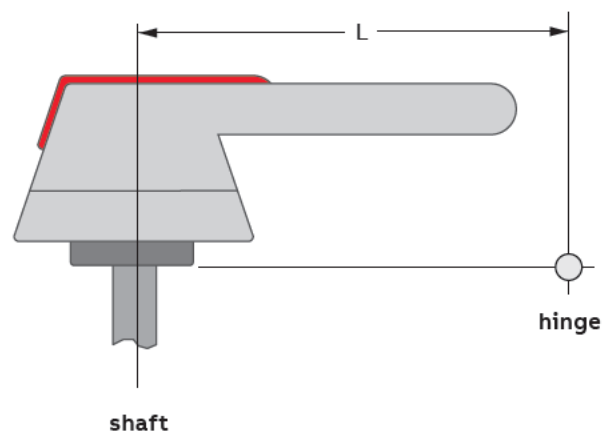
## Accessories for manual switch-disconnectors OT16...160

### Dimensional drawings for handles

Minimum distance L between the hinge, handle and shaft

Sizes	Length L	Handle type
A	mm/in	
OT16...125	75/2.95	OH_1, OH_2, OH_3

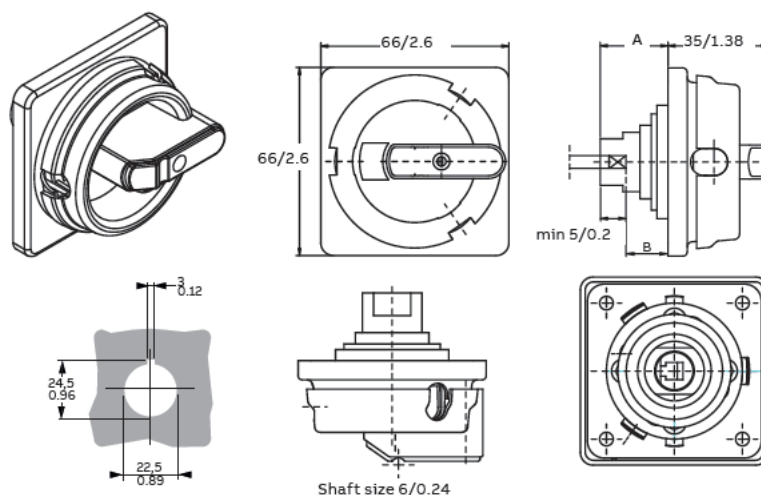
S00374C



Round padlockable handle types OZ331P\_ and OZ371P\_

Handle type	OZ331P_	OZ371P_
	mm/in	mm/in
A	24/0.94	21/0.83
B	3-10/0.12-0.39	4-5/0.16-0.20

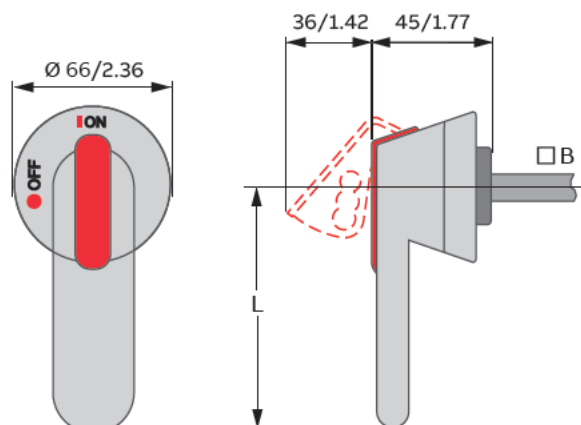
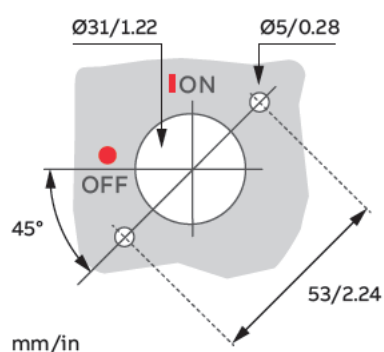
KE00031



Pistol handle

Handle type	Shaft diameter B	Length L
	mm/in	mm/in
OH_45J6	6/0.24	45/1.77

Door drilling for OH\_ handles:



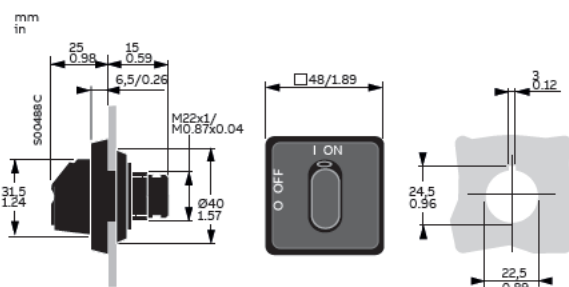
Main dimensions mm, inches

## Accessories for manual switch-disconnectors OT16...160

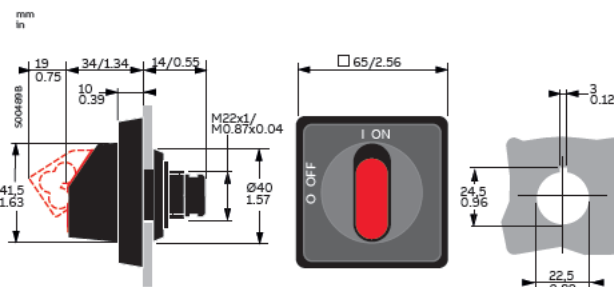
### Dimensional drawings for handles

#### Handles for base and DIN-rail mounted switches

##### OH\_S1A\_, OH\_S3A\_



##### OH\_S2A\_

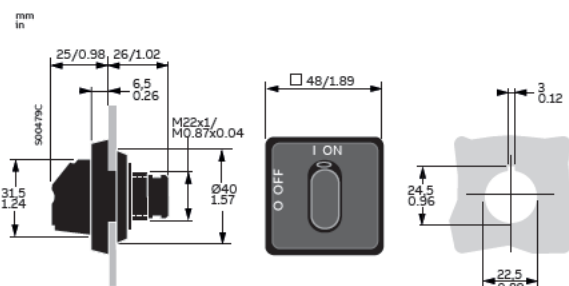


##### OH\_

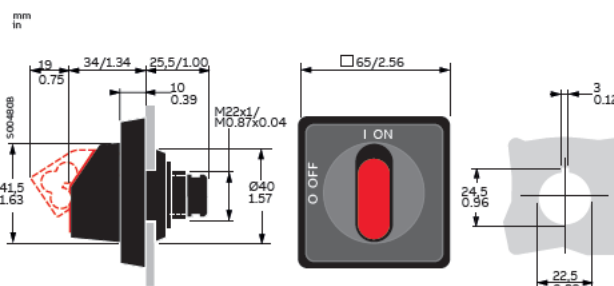
Handle type	Length
	mm/in
OH_S1A_	31.5/1.24
OH_S3A_	37.5/1.48

#### Handles for door mounted switches (snap-on mounting)

##### OH\_S1P\_, OH\_S3P\_



##### OH\_S2P\_

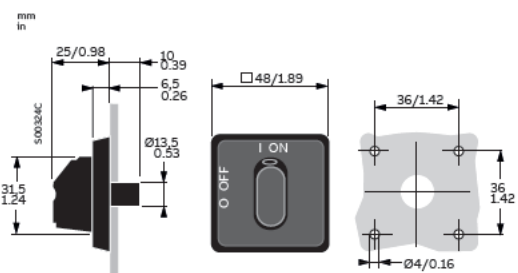


##### OH\_

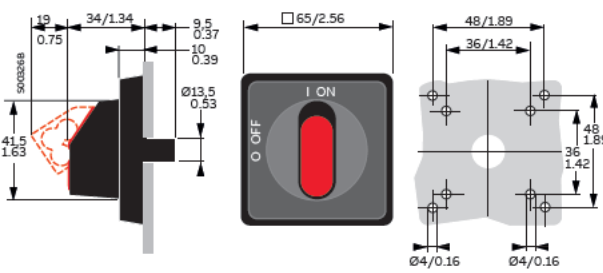
Handle type	Length
	mm/in
OH_S1P_	31.5/1.24
OH_S3P_	37.5/1.48

#### Handles for door mounted switches (screw-mounting)

##### OH\_S1R\_, OH\_S3R\_



##### OH\_S2R\_



##### OH\_

Handle type	Length
	mm/in
OH_S1P_	31.5/1.24
OH_S3P_	37.5/1.48

## Accessories for manual switch-disconnectors OT16...160

### Ordering information for legend plates



OPBS1



OPB2



OPG2



OPS2



OPBS1EN1



OPSS1EN1



OPB2EN1



OPG2EN1



OPS2EN1

#### Legend plates for selector handles

Colour	Type	Order code	Weight/ unit kg
<b>Plain plates for OH 1_ and OH 3_ handles.</b>			
Black	OPBS1	1SCA111519R1001	0.01
Yellow	OPYS1	1SCA111528R1001	0.01
Silver	OPSS1	1SCA111523R1001	0.01
Grey	OPGS1	1SCA111563R1001	0.01
<b>Plain plates for OH 2_ handles.</b>			
Black	OPB2	1SCA022353R4110	0.01
Yellow	OPY2	1SCA022353R4200	0.01
Silver	OPS2	1SCA022353R4460	0.01
Grey	OPG2	1SCA022353R4380	0.01
<b>Printed plates for OH 1_ and OH 3_ handles. Text: MAIN SWITCH.</b>			
Black	OPBS1EN1	1SCA111520R1001	0.01
Yellow	OPYS1EN1	1SCA111530R1001	0.01
Silver	OPSS1EN1	1SCA111525R1001	0.01
Grey	OPGS1EN1	1SCA111526R1001	0.01
<b>Printed plates for OH 2_ handles. Text: MAIN SWITCH.</b>			
Black	OPB2EN1	1SCA022400R2070	0.01
Yellow	OPY2EN1	1SCA022400R2740	0.01
Silver	OPS2EN1	1SCA022400R2230	0.01
Grey	OPG2EN1	1SCA022400R2310	0.01



# Accessories for manual switch-disconnectors OT16...160

Dimensional drawings for legend plates and labelling accessories

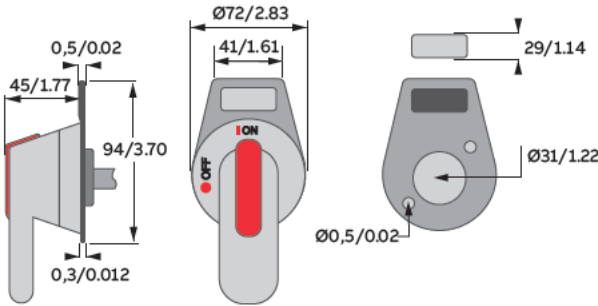


OPB3

Legend plates for pistol handles

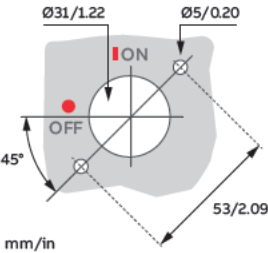
Colour	Type	Order code	Weight/ unit kg
Holder			
Black	OPB3	15CA022679R3410	0.01
Yellow	OPY3	15CA022695R0450	0.01

Dimensions of legend plate for pistol handles



Main dimensions mm, inches

Door drilling for OP\_handles:





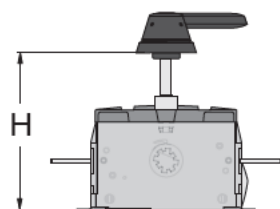
## Accessories for manual switch-disconnectors OT16...160

### Ordering information for shafts

#### Shafts

Suitable for all the switches in this section, OT16...125F and OT160G.

Shaft diameter 6 mm.



OX6X\_

Shaft length mm	Mounting depth H mm	Type	Order code	Weight/ unit kg
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#### For selector handles

85	See dimension drawings	OX6X85	1SCA101647R1001	0.02
105		OX6X105	1SCA108043R1001	0.02
120		OX6X120	1SCA101654R1001	0.03
130		OX6X130	1SCA101655R1001	0.03
160		OX6X160	1SCA101656R1001	0.04
180		OX6X180	1SCA101659R1001	0.04
250		OX6X250	1SCA101660R1001	0.05
330		OX6X330	1SCA101661R1001	0.05

#### For round padlockable handles

60	See dimension drawings	OX6X60	1SCA111459R1001	0.02
85		OX6X85	1SCA111274R1001	0.02
105		OX6X105	1SCA111930R1001	0.02
115		OX6X115	1SCA111931R1001	0.03
130		OX6X130	1SCA111460R1001	0.03
155		OX6X155	1SCA111275R1001	0.04
200		OX6X200	1SCA111932R1001	0.04
300		OX6X300	1SCA111933R1001	0.05

#### For pistol handles

150	See dimension drawings	OX6X150	1SCA022295R5600	0.05
170		OX6X170	1SCA108224R1001	0.05
265		OX6X265	1SCA108225R1001	0.08
400		OX6X400	1SCA108226R1001	0.12

#### Twisted shafts

Twisted shafts for pistol handles, the shaft position is rotated 45 degrees.

Shaft diameter 6 mm.



OX6X\_

Shaft length mm	Mounting depth H mm	Type	Order code	Weight/ unit kg
150	See dimension drawings	OX6X150-45	1SCA022294R4400	0.05
170		OX6X170-45	1SCA108227R1001	0.05
265		OX6X265-45	1SCA108228R1001	0.08
290		OX6X290-45	1SCA022304R4290	0.09
430		OX6X430-45	1SCA022860R8100	0.13

- When using long shafts, it is recommended to use shaft support OETLZX58.

## Accessories for manual switch-disconnectors OT16...160

### Ordering information for shaft accessories

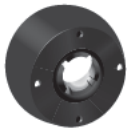


OZG71

#### Shaft alignment ring

Improves the alignment of the handle.

Suitable for handle	Colour	Type	Order code	Weight/ unit kg
Selector handles OH_1...3	Black	OHZX11	1SCA022708R3170	0.23
Round padlockable handle OZ371P_	Black	OZG71	1SCA111686R1001	0.05



OHZX14

#### Extension ring for pistol handles

Improves the alignment of the handle.

Suitable for handle	Colour	Type	Order code	Weight/ unit kg
OHB_	Black	OHZX14	1SCA022851R6590	0.06



OETLZX58

#### Shaft support for long shafts

Supporting 6 mm shaft longer than 400 mm.

Suitable for switches	Type	Order code	Weight/ unit kg
OT16...125F	OETLZX58	1SCA022068R8220	0.10

## Accessories for manual switch-disconnectors OT16...160

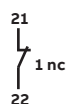
### Ordering information for auxiliary contacts



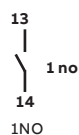
OA1G\_



OA2G11



1NC



1NO

#### Auxiliary contact blocks for OT16...125F/FT\_ and OT160G\_, IP20

Contact numbering according to EN 50013. Snap-on mounting to the side of the switch.  
 $I_{th} = 16$  A, cable cross section max.  $2 \times 2.5$  mm<sup>2</sup>. Early-break type OA1G10. Early break type auxiliary contacts means that in the switches, the NO aux.contacts break before the main contacts open.

See next pages for performance data, functions and contact timing.

Suitable for switches	Function	Type	Order code	Weight/ unit kg
<b>Mountable on left side, max. 2 pcs</b>				
OT16...125F_, FT_	1NC	OA1G01	1SCA022353R4890	0.03
	1NC	OA1G01AU <sup>1)</sup>	1SCA022436R7830	0.03
<b>Mountable on the right side, max. 2 pcs</b>				
OT16...125F_, FT_	1NO	OA1G10	1SCA022353R4970	0.03
	1NO	OA1G10AU <sup>1)</sup>	1SCA022436R7910	0.03
<b>Mountable, max. 4 pcs</b>				
OT160G_ and OT160GT_	1NC	OA1G01	1SCA022353R4890	0.03
	1NC	OA1G01AU <sup>1)</sup>	1SCA022436R7830	0.03
<b>Mountable, max. 4 pcs</b>				
OT160G_ and OT160GT_	1NO	OA1G10	1SCA022353R4970	0.03
	1NO	OA1G10AU <sup>1)</sup>	1SCA022436R7910	0.03
<b>Mountable on both sides, simultaneous function with the main contacts</b>				
OT16...40F_: max. 2NO+2NC, OT63...125F: max. 4NO+4NC <sup>3)</sup>				
OT16...125F_	1NO+1NC	OA2G11 <sup>2)</sup>	1SCA022379R8100	0.03
<b>Mountable on both sides, simultaneous function with the main contacts</b>				
Snap-on mounting to the switch, including a grey cover, IP 20, width 1/2 module. OT16...125M: 3-pole switches max 2NO+2NC, 4-pole switches max 1NO+1NC.				
OT16...40M_	1NO+1NC	OA1L11	1SCA022555R9870	0.04
OT63ML_	1NO+1NC	OA2L11	1SCA022424R3190	0.04
OT125M_	1NO+1NC	OA3L11	1SCA022555R9950	0.04

<sup>1)</sup> Types \_AU are gold plated for extremely difficult circumstances and low voltages.

<sup>2)</sup> Not mountable on the same side as the fourth pole.

<sup>3)</sup> Contact numbering: (83) (43) (53) 13 21 (61) (31) (71)  
(84) (44) (54) 14 22 (62) (32) (72)

## Accessories for manual switch-disconnectors OT16...160

### Technical data for auxiliary contacts

#### Performance data of auxiliary contacts according to IEC 60947-5-1

For OA1G\_, OA2G\_, OA3G\_, OA8G\_

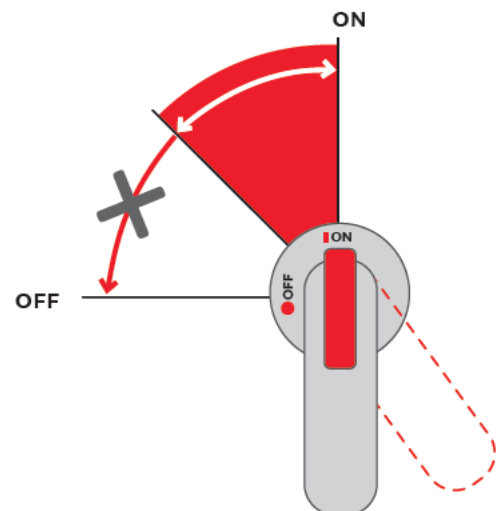
AC15		DC12		DC13	
U <sub>e</sub>	I <sub>e</sub>	U <sub>e</sub>	I <sub>e</sub>	P	I <sub>e</sub>
VAC	A	VDC	A	W	A
230	6	24	10	240	2
400	4	72	4	290	0.8
415	4	125	2	250	0.55
690	2	250	0.55	140	0.27
		440	0.1	44	

For OA1G\_, OA2G\_, OA3G\_, OA8G\_

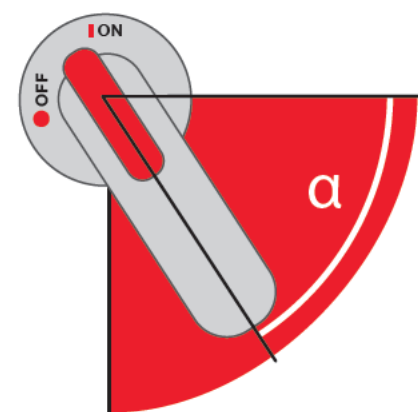
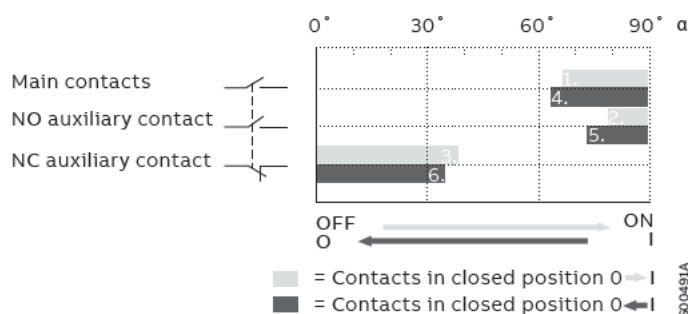
U <sub>i</sub>	690 V
U <sub>imp</sub>	4 kV
Pollution degree	3
I <sub>th</sub>	16 A
Cable size	1...2 x 0.75...2.5 mm <sup>2</sup>
Maximum fuse	16 A / gG
NEMA	A600, R300, wire size: 18 - 14 AWG, 1(2)

#### Handle indications and functions

The handle indicates the position of the main contacts of the switch with complete reliability in all situations. If the contacts are welded together, the handle does not reach the OFF-position but remains between ON and OFF, maintaining the door interlock and preventing padlocking.



#### ON and OFF-functions of main and auxiliary contacts



#### Closing:

1. Main contacts close
2. NO auxiliary contacts close
3. NC auxiliary contacts open

#### Opening:

4. Main contacts open
5. NO auxiliary contacts open
6. NC auxiliary contacts close

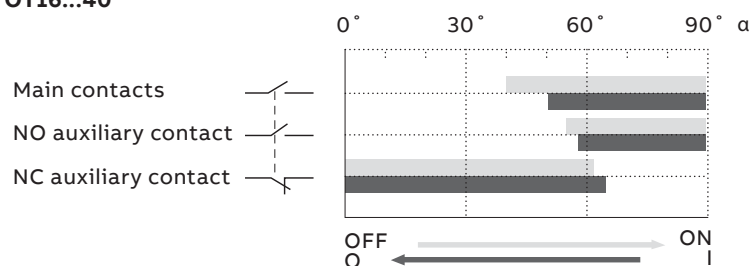
## Accessories for manual switch-disconnectors OT16...160

### Technical data for auxiliary contacts

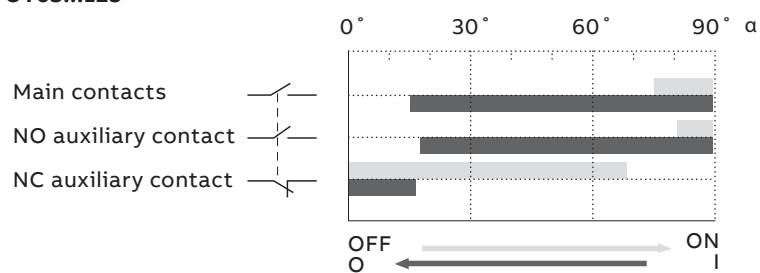
#### ON and OFF-functions of main and auxiliary contacts OT16...160

Auxiliary contact OA2G11, simultaneous function with main contacts.

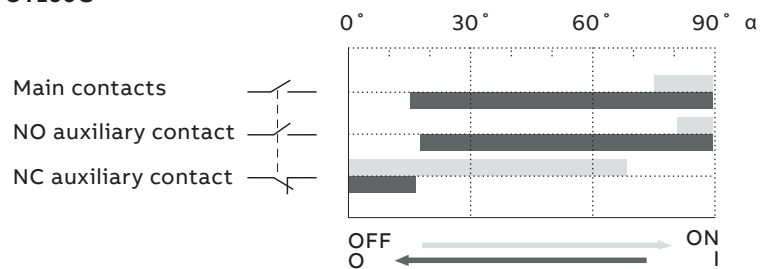
##### OT16...40



##### OT63...125



##### OT160G



Auxiliary contact	Contact configuration
OA1G10	1NO
OA1G01	1NC
OA2G11*	1NO+1NC

\* Auxiliary contact OA2G11, simultaneous function with main contacts.

## Accessories for manual switch-disconnectors OT16...160

### Ordering information for fourth poles



OTPL125FD



OTPS125FD



OTPS40FDN1



OTPL80FP

#### Fourth poles, simultaneous function with the main contacts OT16...125

Mountable on the side of the 3-pole switch frame.

Suitable for switches	Type	Order code	Weight/ unit kg
<b>For DIN rail and base mounted switches</b>			
OT16...40F3/F6	OTPS40FPN1 *)	1SCA105001R1001	0.03
	OTPS40FPN2 *)	1SCA105000R1001	0.06
OT63...80F3/F6	OTPS80FP	1SCA105461R1001	0.14
OT30...60F3/F6	OTPS60FP	1SCA111009R1001	0.30
OT100...125F3/F6	OTPS125FP	1SCA105099R1001	0.30
OT63ML3	OTPS63MLP	1SCA022530R6580	0.08
OT125M3	OTPS125MP	1SCA022436R9110	0.08
<b>For door mounted switches</b>			
OT16...40FT3	OTPS40FDN1 *)	1SCA104999R1001	0.06
	OTPS40FDN2 *)	1SCA104998R1001	0.14
OT63...80FT3	OTPS80FD	1SCA105458R1001	0.30
OT30...60F3/F6	OTPS60FD	1SCA111008R1001	0.30
OT100...125FT3	OTPS125FD	1SCA105096R1001	0.30

#### Fourth poles, late-break and early-make

Mountable on the side of the switch. There is a time difference between the main poles and the fourth pole.

Suitable for switches	Type	Order code	Weight/ unit kg
<b>For OT switch-disconnectors</b>			
OT16...40F3/F6	OTPL40FP	1SCA105717R1001	0.03
OT63...80F3/F6	OTPL80FP	1SCA105452R1001	0.06
OT100...125F3/F6	OTPL125FP	1SCA105090R1001	0.14
<b>For door mounted switches</b>			
OT16...40FT3	OTPL40FD	1SCA105716R1001	0.03
OT63...80FT3	OTPL80FD	1SCA105451R1001	0.06
OT100...125FT3	OTPL125FD	1SCA105088R1001	0.14

\*) N1=On the left side of the switch  
N2=On the right side of the switch

## Accessories for manual switch-disconnectors OT16...160

Ordering information for neutral and earth terminals



OTPD40FP



OTPD80FP



OTPD80FD



OTPE40FP



OTPE125FP



OTPE125FD

### Fixed neutral

Mountable on the side of the switch.

Suitable for switches	Type	Order code	Weight/ unit kg
<b>For base mounted switches</b>			
OT16...40F3/F6	OTPN40FP	1SCA104997R1001	0.03
OT63...80F3/F6	OTPN80FP	1SCA105457R1001	0.06
OT30...60F3/F6	OTPN60FP	1SCA117606R1001	0.14
OT100...125F3/F6	OTPN125FP	1SCA105094R1001	0.14
<b>For door mounted switches</b>			
OT16...40FT3	OTPN40FD	1SCA105718R1001	0.03
OT63...80FT3	OTPN80FD	1SCA105456R1001	0.06
OT30...60F3/F6	OTPN60FD	1SCA111005R1001	0.14
OT100...125FT3	OTPN125FD	1SCA105092R1001	0.14

### Detachable neutral

Mountable on the side of the switch.

Suitable for switches	Type	Order code	Weight/ unit kg
<b>For DIN rail and base mounted switches</b>			
OT16...40F3/F6	OTPD40FP	1SCA104994R1001	0.03
OT63...80F3/F6	OTPD80FP	1SCA105445R1001	0.06
OT30...60F3/F6	OTPD60FP	1SCA111014R1001	0.14
OT100...125F3/F6	OTPD125FP	1SCA105083R1001	0.14
<b>For door mounted switches</b>			
OT63...80FT3	OTPD80FD	1SCA105444R1001	0.06

### Protective earth

Mountable on the side of the switch.

Suitable for switches	Type	Order code	Weight/ unit kg
<b>For OT switch-disconnectors</b>			
OT16...40F3/F4/F6	OTPE40FP	1SCA104995R1001	0.03
OT63...80F3/F4/F6	OTPE80FP	1SCA105448R1001	0.06
OT30...60F3/F4/F6	OTPE60FP	1SCA111016R1001	0.14
OT100...125F3/F4/F6	OTPE125FP	1SCA105128R1001	0.14
<b>For door mounted switches</b>			
OT16...40FT_	OTPE40FD	1SCA109884R1001	0.03
OT63...80FT_	OTPE80FD	1SCA105446R1001	0.06
OT30...60FT_	OTPE60FD	1SCA111015R1001	0.14
OT100...125FT_	OTPE125FD	1SCA105698R1001	0.14

## Accessories for manual switch-disconnectors OT16...160

### Ordering information for terminal shrouds



OTS40T3



OTS63T3



OTS125T3



OTS125T3P



OTS63T1



OTS125T1



OTS40T1



OTS125T1P



OTS160G1L3



OTS160G1L4

#### Terminal shrouds

For OT switches, snap-on mounting, transparent IP2X

Suitable for switches	Type	Order code	Weight/ unit kg
<b>For 3-pole OT switches</b>			
OT16...40F3, FT3	OTS40T3	1SCA105317R1001	0.01
OT63...80F3, FT3	OTS63T3	1SCA022353R6750	0.01
OT100...125F3, FT3, OT125M3	OTS125T3	1SCA022379R9680	0.01
<b>For 3-pole OT160G_ switches. Suitable also when provided with terminal clamps OZXT2 or OZXT3</b>			
OT160G, GT	OTS160G1L3	1SCA140414R1001	0.02
<b>For 3-pole OT switches, suitable also when provided with terminal clamps OZXL1 or OZXT1</b>			
OT100...125F3	OTS125T3P	1SCA022491R9890	0.01
<b>For 1 to 4-pole OT switches, shroud for single pole and for fourth pole</b>			
OTP_40F_	OTS40T1	1SCA105314R1001	0.01
OTP_80F_	OTS63T1	1SCA022353R6910	0.01
OTP_125F_, OTPS125MP	OTS125T1	1SCA022379R9760	0.01
<b>For 1 to 4-pole OT switches with terminal clamps OZXL1 or OZXT1, shroud for single pole and for fourth pole</b>			
OT100...125F_	OTS125T1P	1SCA022491R9970	0.01
<b>For 4-pole OT160G_ switches. Suitable also when provided with terminal clamps OZXT2 or OZXT3</b>			
OT160G, GT	OTS160G1L4	1SCA140415R1001	0.03



## Accessories for manual switch-disconnectors OT16...160

### Ordering information for terminal clamps



OZXT1



OZXT2

#### Terminal clamp sets for Al- and Cu-cables, insulated versions

Suitable for switches	Cable cross section	Type	Order code	Weight/ unit kg
	mm <sup>2</sup>			
OT63...125	16...50 Al, 2.5...50 Cu	OZXT1 <sup>*)</sup>	1SCA022469R6310	0.05
OT100...160	16...120 Al/Cu	OZXT2	1SCA022620R7200	0.21
OT100...160	2x(16...50) Al/Cu	OZXT3	1SCA022639R0720	0.21

<sup>\*)</sup> I<sub>n</sub>=63 A

- More information on Al/Cu terminal clamps, see the catalogue OZX1A GB.

## Accessories for manual switch-disconnectors OT16...160

Ordering information for conversion kits



OWP6D40



OWP6D80



OWP6D125



OTZW8



OWC6D40



OWC6D125



OESAZW1

### 6 and 8-pole switch mechanism

	Shaft distance	Type	Order code	Weight/ unit
Suitable for switches	mm			kg
Parallel attachment for connecting two 3- or 4-pole switches				
The switches work simultaneously. Mounting directly on the top of two switch-disconnectors, snap-on mounting. The switch size is printed on stickers for the different switch sizes. The fourth pole or auxiliary contacts can be mounted on the outer side of the combination.				
OT16...40		OWP6D40	1SCA022865R4800	0.03
OT63...80		OWP6D80	1SCA022865R5010	0.03
OT30...60, OT100...125		OWP6D125	1SCA022865R5100	0.03
OT160G		OESAZW2	1SCA022078R1600	0.80

### Attachment levers for connecting two 3- or 4-pole switches

Attachment levers provided with holes, enabling different shaft distances.

The combination of 3 or 4-pole switches can be mounted either horizontally or vertically.

OT16...40	45+(0...12)x15	OTZW8	1SCA022421R7600	0.17
OT63...80	60+(0...11)x15	OTZW8	1SCA022421R7600	0.17
OT30...60, OT100...125	75+(0...10)x15	OTZW8	1SCA022421R7600	0.17

See the table of the handles and shafts included in the conversion kits on the following spread.

### Change-over switch mechanism

Two switches (3 or 4-pole) are connected with a mechanism operating between I-O-II-positions. The modular change-over switches can be built by adding a compact snap-on kit on the top of two switch-disconnectors. The kits do not require any additional foot print area, only the height is increased 12 mm.

Suitable for switches	Shaft distance	Type	Order code	Weight/ unit
	mm			kg
Change-over kits				
OT16...40		OWC6D40	1SCA022865R4550	0.03
OT63...80		OWC6D80	1SCA022865R4630	0.07
OT30...60, OT100...125		OWC6D125	1SCA104494R1001	0.09
Attachment levers				
OT16...160	90+(0...10)x15	OESAZW1	1SCA022064R3710	0.78

See the table of the handles and shafts included in the conversion kits on the following spread.

## Accessories for manual switch-disconnectors OT16...160

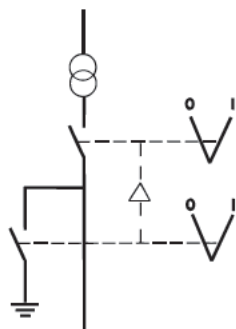
### Ordering information for conversion kits



OTZW17



OTZW24



Mechanical interlock

#### By-pass switch mechanism

A combination of two switches in parallel with a third switch for change-over operation to by-pass, for example, a breaker for maintenance. Three 3 or 4-pole switches needed.

The mechanism is lockable in O-position.

Suitable for switches	Shaft distance	Type	Order code	Weight/ unit kg
	mm			
OT16...125	Between 1 and 2: 90+(0...6)x15 Between 1 and 3: 90+(0...10)x15	OTZW17	1SCA022387R1620	0.88
OT160G	Between 1 and 2: 210+(0...9)x20 Between 1 and 3: 250+(0...9)x20	OTZW26	1SCA022778R7060	3.30

See the table of the handles and shafts included in the conversion kits on the following spread.

#### Mechanical interlock mechanism

Prevents one switch from moving to ON-position, if the other is not in OFF-position.

When mounted upside down, prevents one switch from moving to OFF-position, if the other is not in ON-position. (UPS-usage, make-before-break).

Suitable for switches	Shaft distance	Type	Order code	Weight/ unit kg
	mm			
OT16...125	100	OTZW24	1SCA022639R5610	0.08
OT160G		OTZW10	1SCA022431R5280	1

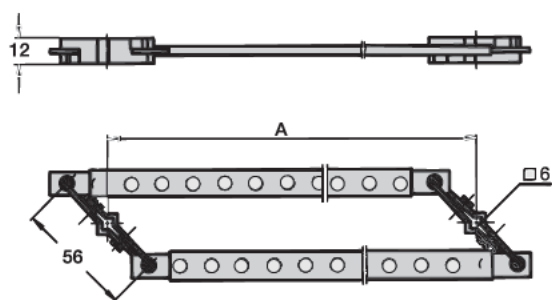
See the table of the handles and shafts included in the conversion kits on the following spread.

## Accessories for manual switch-disconnectors OT16...160

Dimensional drawings for conversion kits

### 6 and 8-pole switches

OTZW8



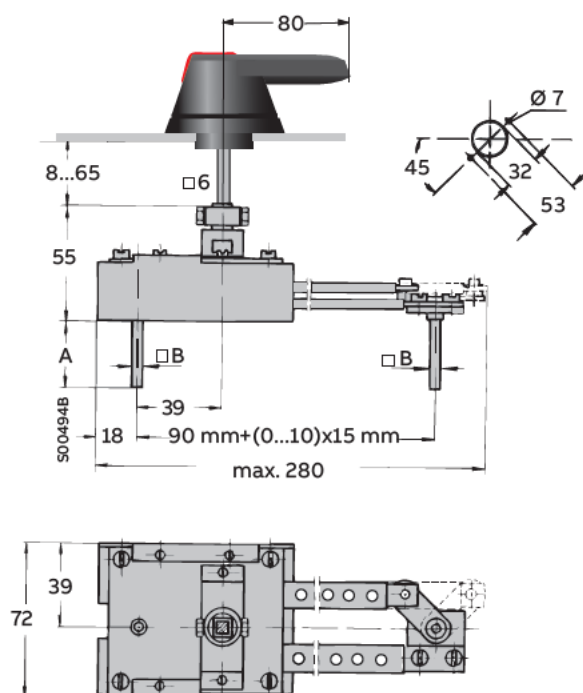
OTZW8

	A (min)
	mm
OT16...40F	45+(0...12)x15
OT63...80F	60+(0...11)x15
OT100...125F	75+(0...10)x15

S00114C

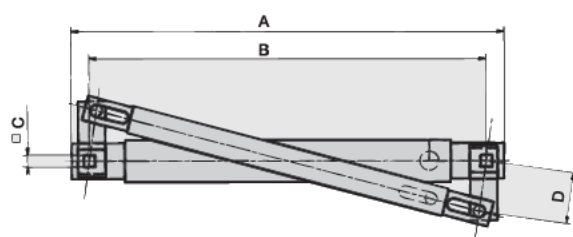
### Change-over switches

OESAZW1



### Mechanical interlock

OTZW10



OTZW10

	OTZW10
A	206
B	190
C	6
D	30

S00119A

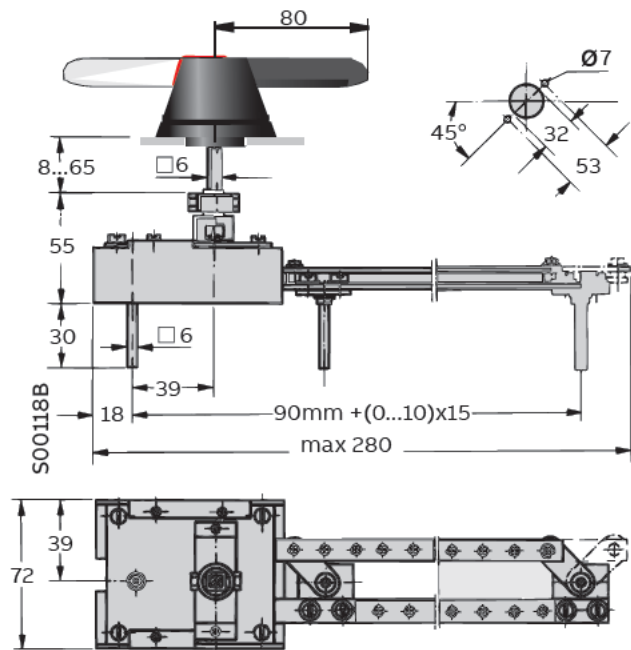


Accessories for manual switch-disconnectors OT16...160

Dimensional drawings for conversion kits

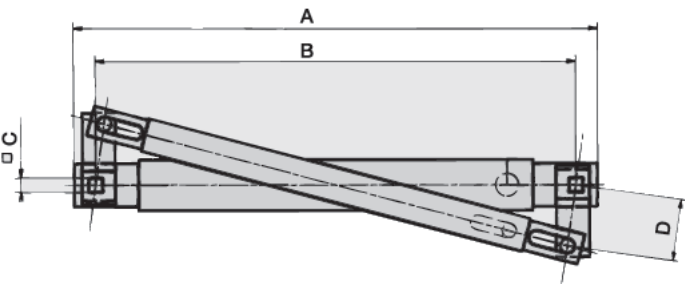
By-pass switches

OTZW17



Mechanical interlock

OTZW10, OTZW24



OTZW\_

	OTZW10	OTZW24
	mm	mm
A	206	114
B	190	100
C	6	6
D	30	15

S00119A

## Accessories for manual switch-disconnectors OT16...160

### Ordering information for conversion kit accessories

#### Shafts and handles for conversion kits

Conversion kit type	Suitable for switches	To be ordered separately		Included in conversion kit delivery		The standard handle / shaft of one of the combined switches can be used	
		Shaft	Handle	Shaft	Handle	Shaft	Handle
6 and 8-pole switches							
OWP6D40	OT16...40	x (shaft dia 6 mm)	OHBS1A_	-	-	-	-
OWP6D80	OT63...80	x (shaft dia 6 mm)	OHBS1A_	-	-	-	-
OWP6D125	OT100...125	x (shaft dia 6 mm)	OHBS1A_	-	-	-	-
OWP6D40	OT16...40	x (shaft dia 6 mm)	OHB45J6	-	-	-	-
OWP6D80	OT63...80	x (shaft dia 6 mm)	OHB45J6	-	-	-	-
OWP6D125	OT100...125	x (shaft dia 6 mm)	OHB45J6	-	-	-	-
OTZW8	OT16...125	x	x	-	-	-	-
OESAZW2	OT160	-	-	-	-	x	x
Change-over switches							
OWC6D40	OT16...40	x (shaft dia 6 mm)	OHBS2AJE011	-	-	-	-
OWC6D80	OT63...80	x (shaft dia 6 mm)	OHBS2AJE011	-	-	-	-
OWC6D125	OT100...125	x (shaft dia 6 mm)	OHBS2AJE011	-	-	-	-
OWC6D40	OT16...40	x (shaft dia 6 mm)	OHB45J6E311	-	-	-	-
OWC6D80	OT63...80	x (shaft dia 6 mm)	OHB45J6E311	-	-	-	-
OWC6D125	OT100...125	x (shaft dia 6 mm)	OHB45J6E311	-	-	-	-
OESAZW1	OT160	-	-	-	-	x	x
By-pass switches							
OTZW17	OT16...160	-	-	x (3 pcs)	OHB80J6E011		
Mechanical interlock							
OTZW24	OT16...160	-	-	-	-	x	x

## Accessories for manual switch-disconnectors OT16...160

### Ordering information for locking accessories

#### Locking accessories



SA1

#### Padlocking adapter

For a padlock with max. 3.5 mm bail.

Suitable for switches	Type	Order code	Weight/ unit kg
OT63...125	SA1	GJF1 101 903 R000	0.01



OHZX4

#### Door interlock bracket for pistol handles

Prevents defeating the door interlock.

Suitable for switches	Type	Order code	Weight/ unit kg
For pistol handles OH_45...275	OHZX4	1SCA022467R2470	0.03



OETLZW16

#### Cam attachment

Cam attachment for Castell, Lowe & Fletcher and Ronis interlock. Lock, handle or shaft are not included. Mounting on OXP shaft working together with external OH door handle.

Suitable for switches	Type	Order code	Weight/ unit kg
OT16...160	OETLZW16	1SCA022093R2070	0.17

