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DESIGN AWARD WINNER 1997

INDUSTRIE FORUM DESIGN HANNOVER

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New ABB Handle Range



ABB Control

ABB

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Selector handles

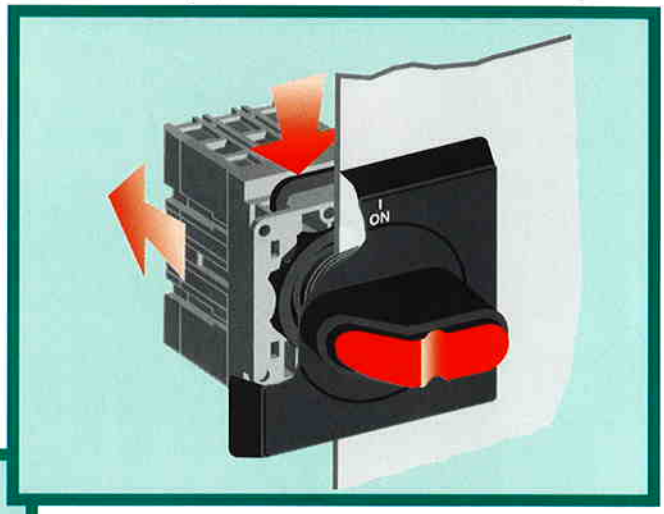
Homogenous range

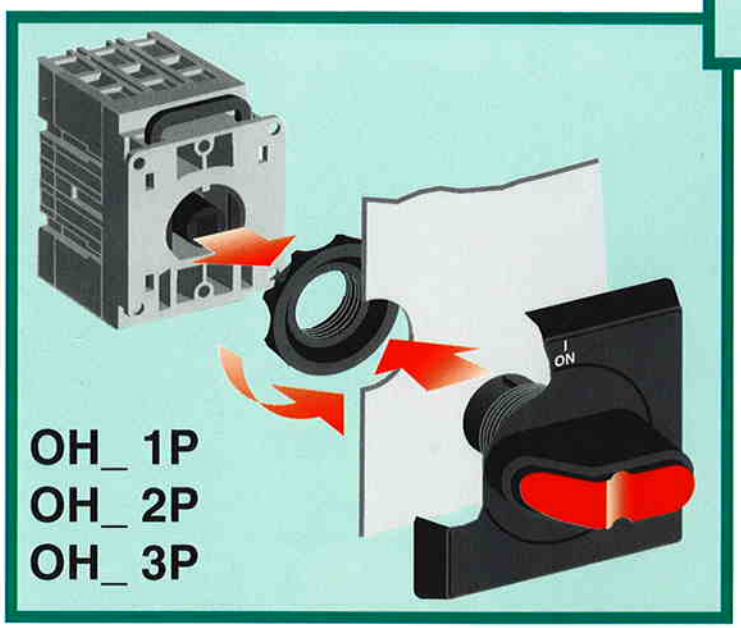
The design of the OH-selector handles incorporate easy mounting, ergonomic and homogenous design as well as safety in use. The range meets all the needs for a modern handle.
The IP 65 construction complies with the latest international standards for switches and electrical equipment for machines.

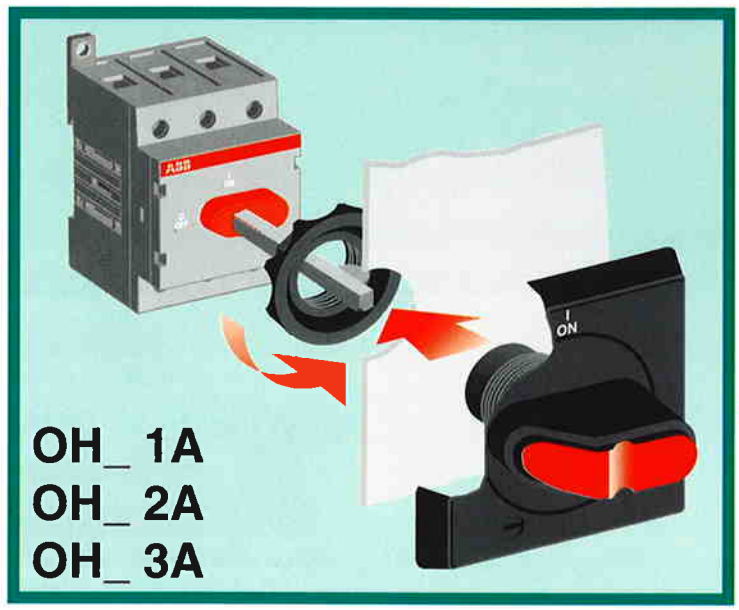


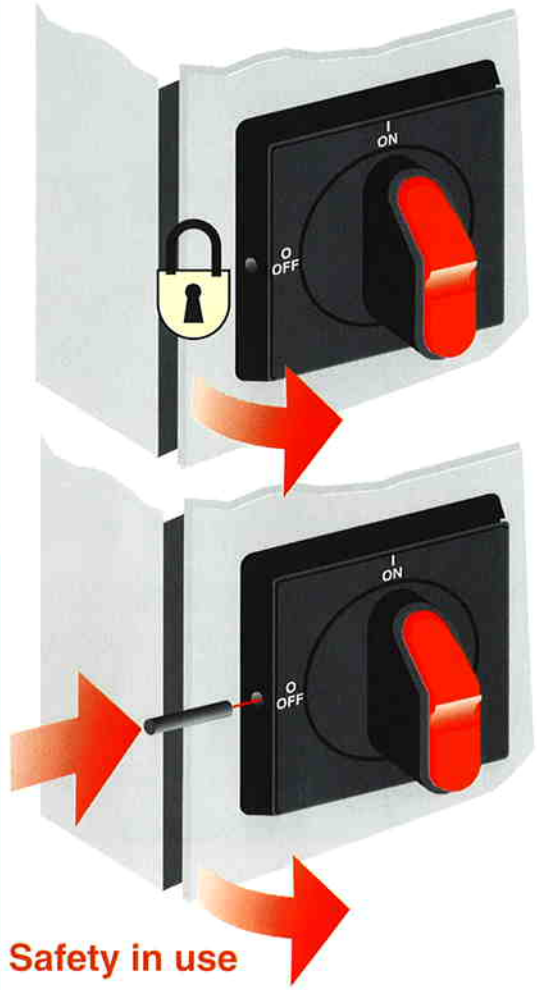
Easy mounting of Snap-on Handles

The mounting of the OH-selector handles is easy by means of screw or snap-on mounting.
The unique combination of screw and snap-on features saves mounting time and cost.
The selector handle can be attached to the door by just screwing the handle into a 22.5 mm push button aperture.
The door mounted switch can simply be snapped off and removed from the handle.









Safety in use

The door coupling in ON/I-position and defeating option with a tool for authorized persons are inbuilt features.
The defeating hole is easily accessible from the front with a screw driver.

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Versatile use

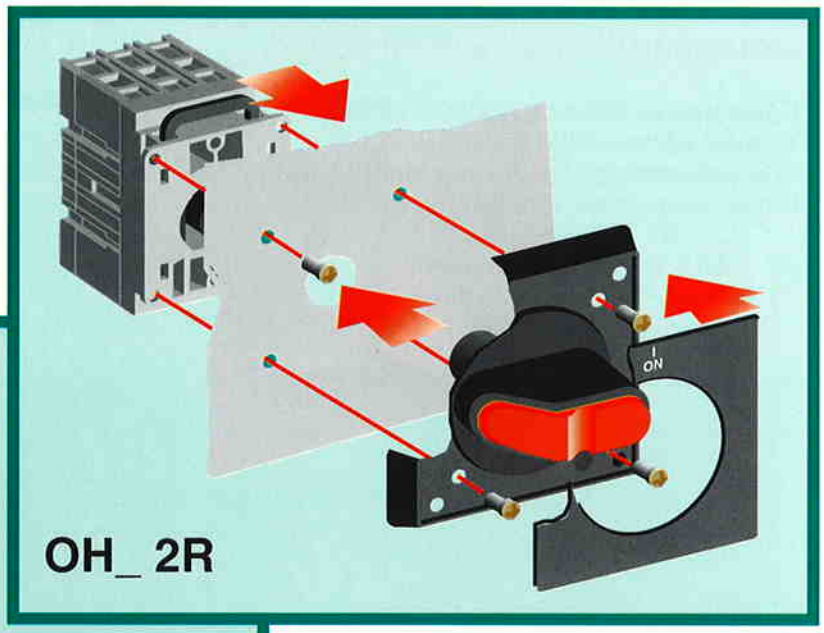
The handle range offers base mounting and door mounting options with screw and snap-on features. Various legend plates are available as optional extra.

Screw mounted handles

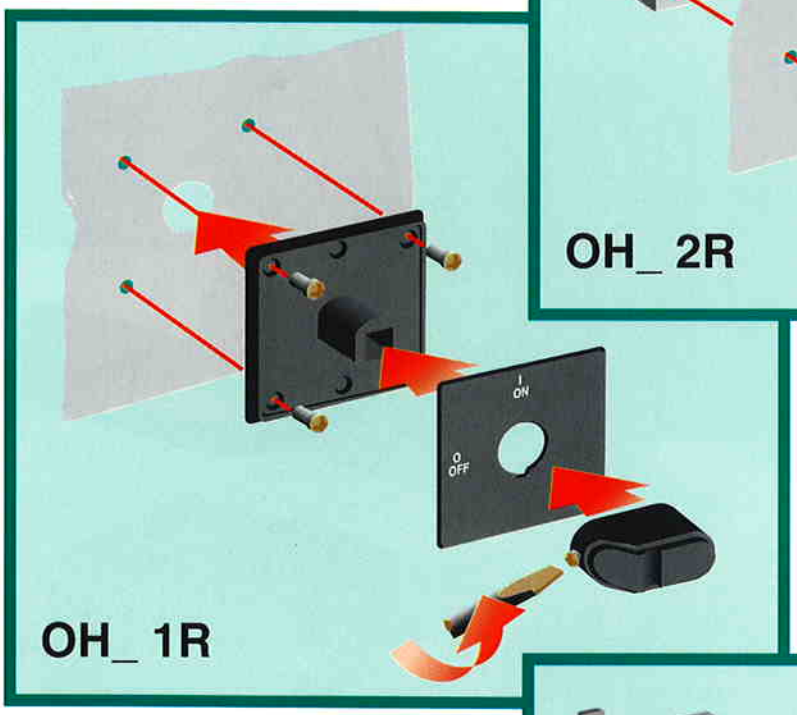
The screw mounting is easy and allows double insulation for the door.
The screw mounting is ideal for harsh environments when safe and vibration resistant construction is needed.



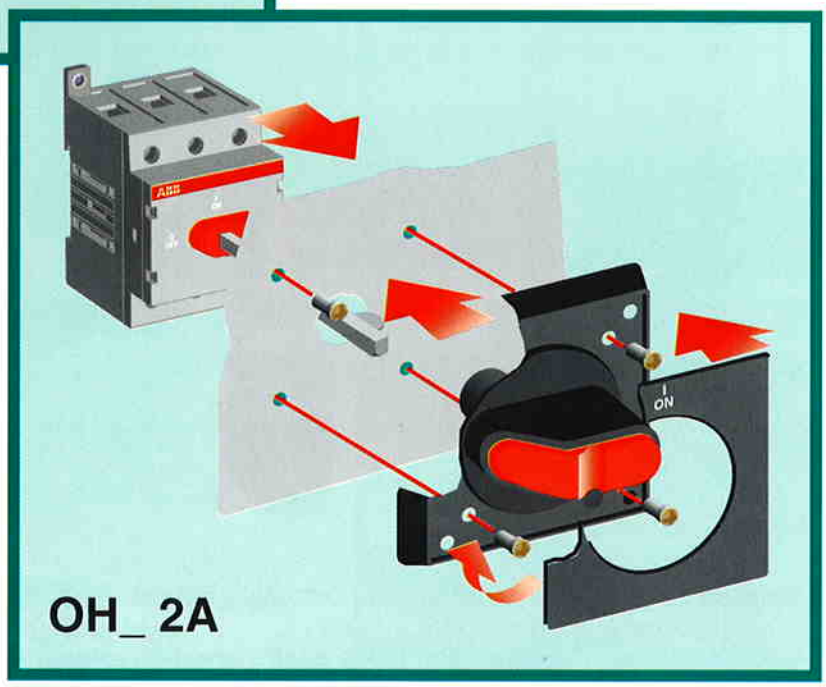
OHB 1_ OHB 2_



Screw mounting of the selector handle for the door mounted switch.



Screw mounting of the selector handle to the door. The door drilling is a standard 22.5 mm aperture.



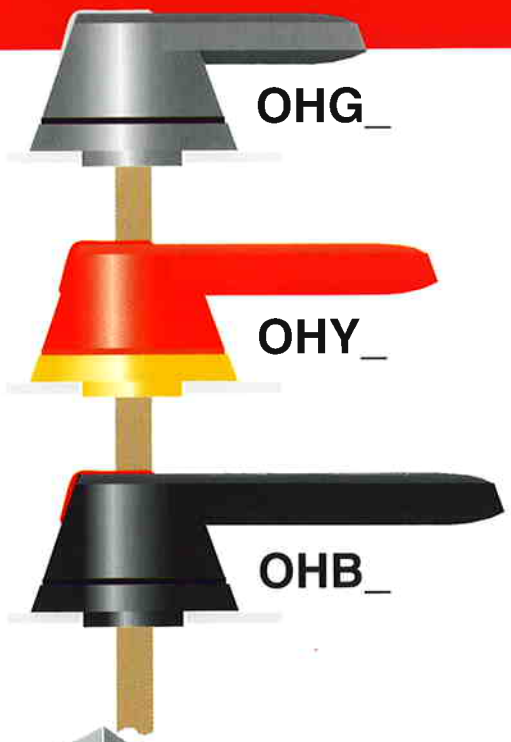
Screw mounting of the selector handle to the door for base mounted switch.

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Pistol grip handles

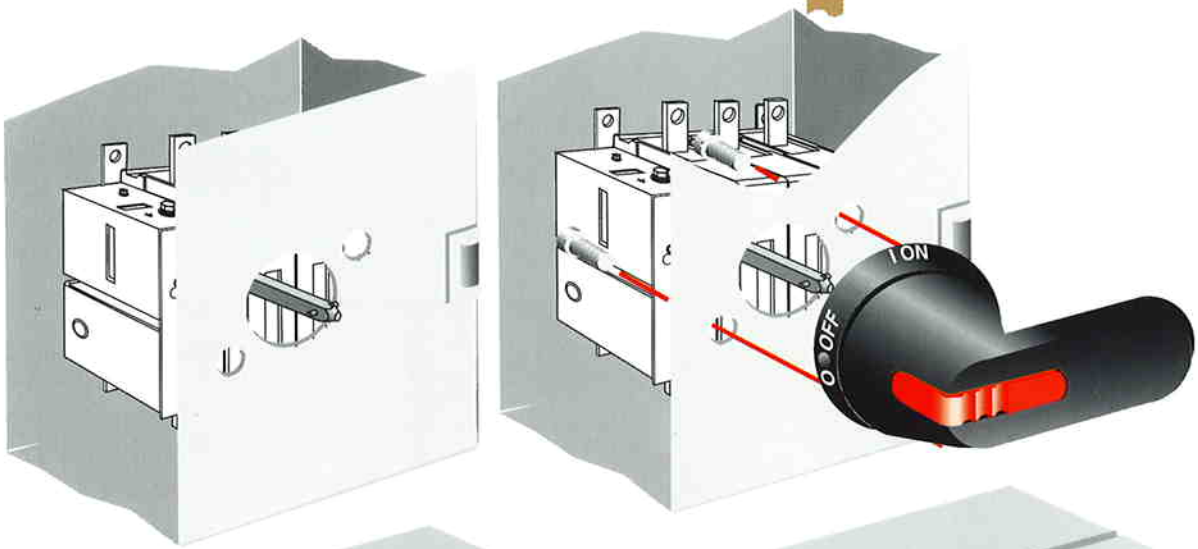
IP 65 as standard

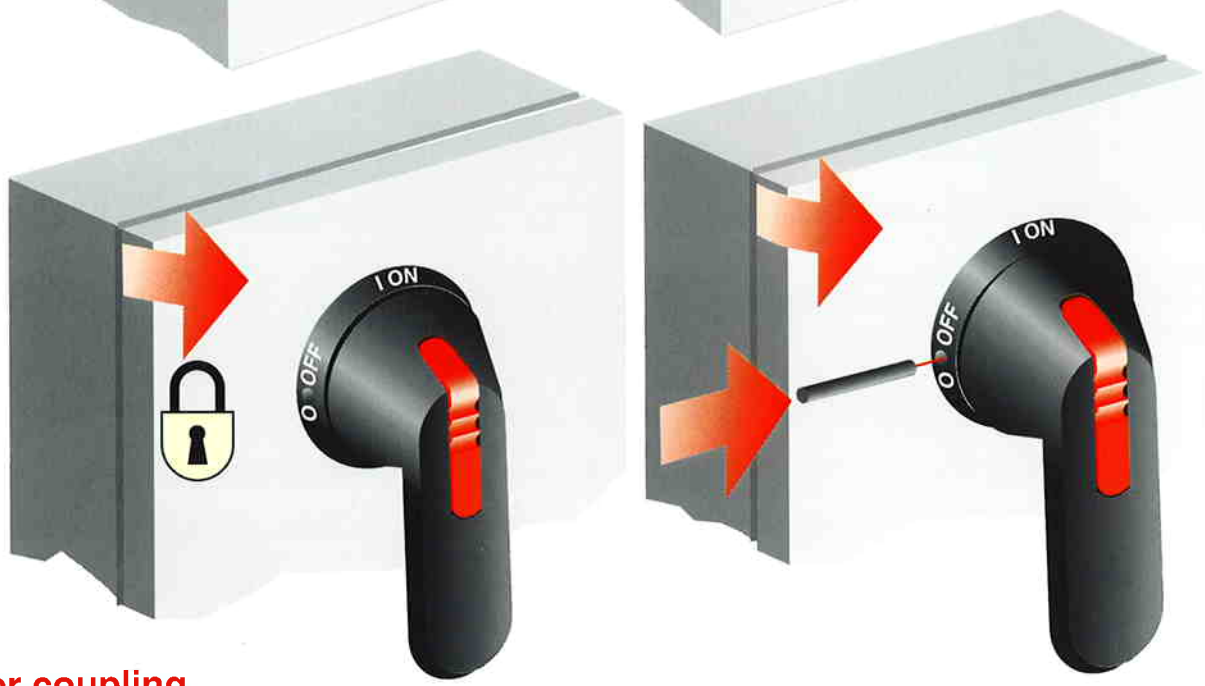
Pistol grip handles cover the range from small switches to large switch disconnectors. The robust construction with stunding high torque allows the use of plastic handles even in a very large current area of switches.
The IP 65 protection degree is standard for all pistol grip handles including door coupling and padlocking as well as defeating features.



Double insulated construction

Fastening of the handles is executed by means of steel screws from the rear.
The assembly is double insulated even though the screw passes through the door.



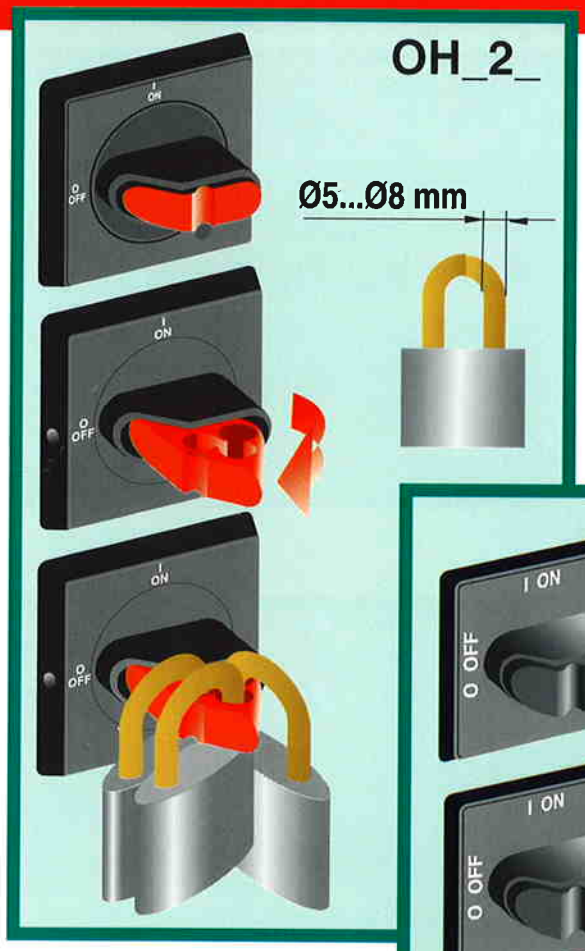


Door coupling

Door coupling in ON/I-position and defeating option with a tool for authorized persons are inbuilt features. The defeating pin is easily accessible from the side with a screw driver.

The defeating feature does not disturb IP65 protection.

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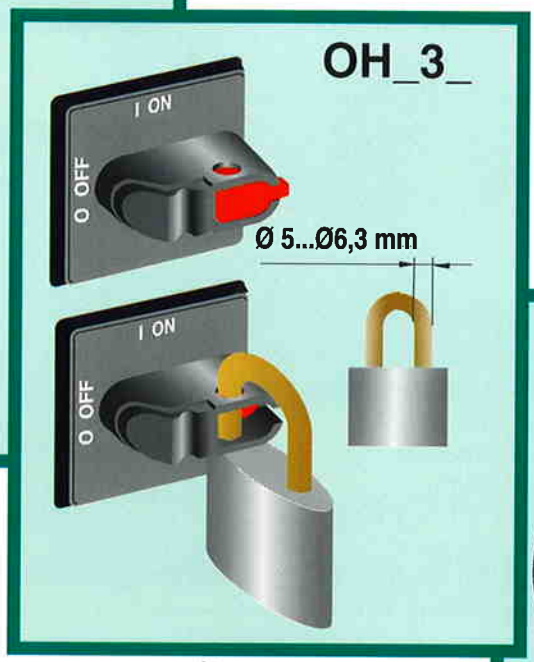


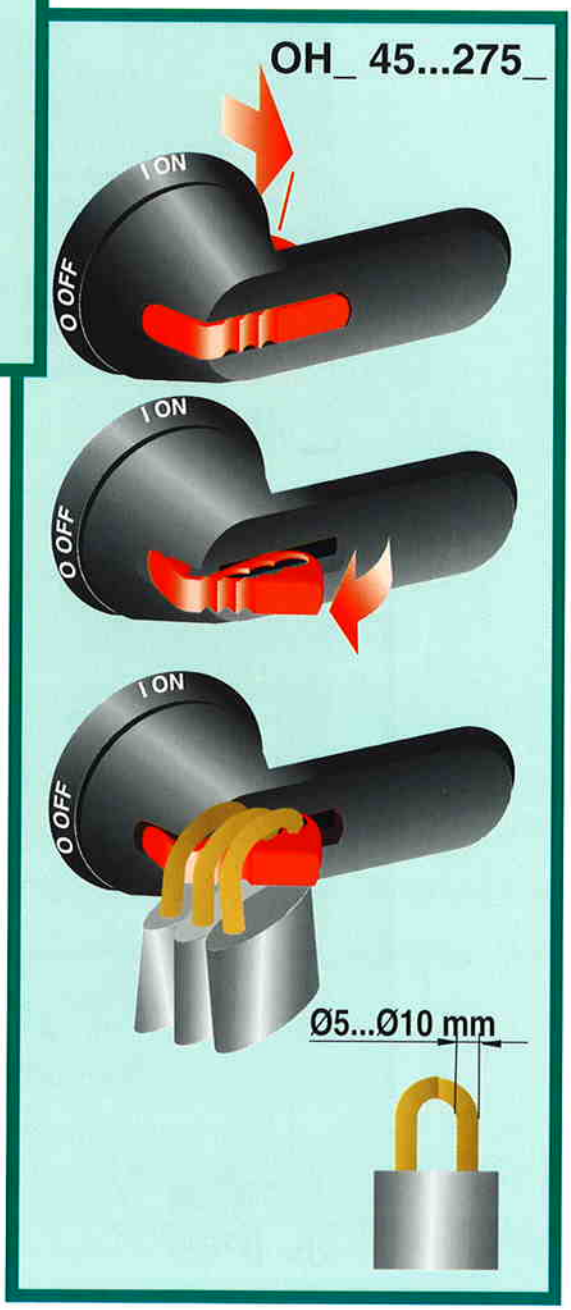
Safety padlocking

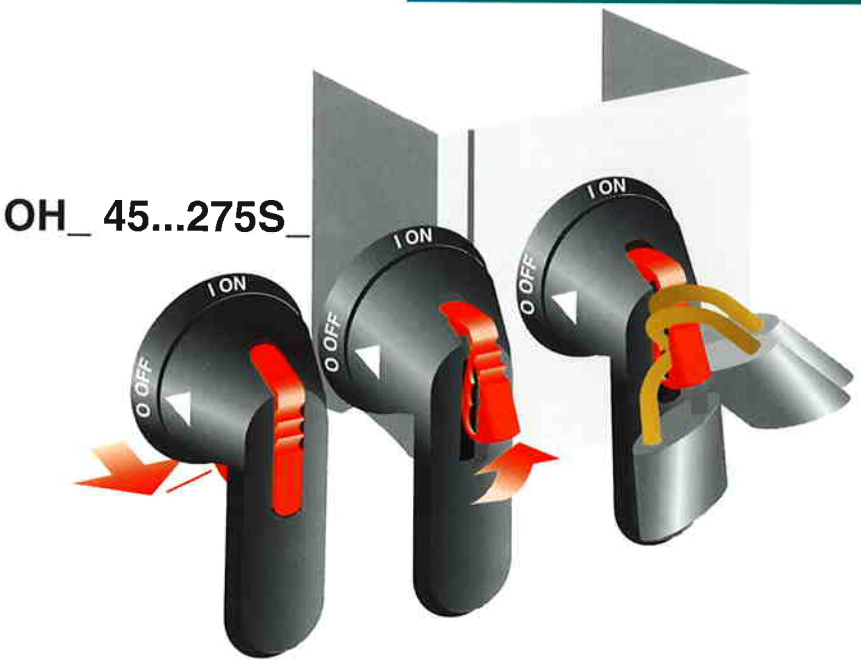
Padlocking of the OH-handle meets the latest international standards and safety requirements. According to the new standards for switch disconnectors and safety switches as well as the European machine directive, the padlocking in OFF/O-position is required for main switches and starters in order to prevent unintentional start up.

Accommodates large variety of padlocks

The handles can be locked with up to three padlocks with a bowl diameter max. 6.3, 8 or 10 mm.
The padlocking in OFF/O-position is standard. The padlocking in ON/I-position is available on request.







Fullfil the latest safety requirements

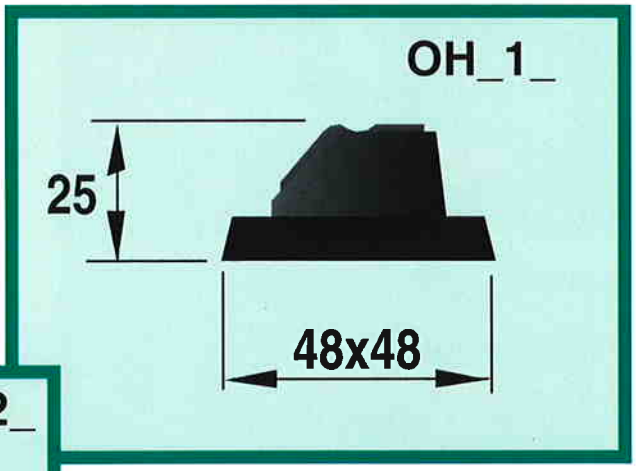
The handle cannot be padlocked in OFF/O-position unless isolation of switch disconnectors is guaranteed . When the handle is padlocked, the handle cannot be turned to ON/I-position, neither can the door be opened.

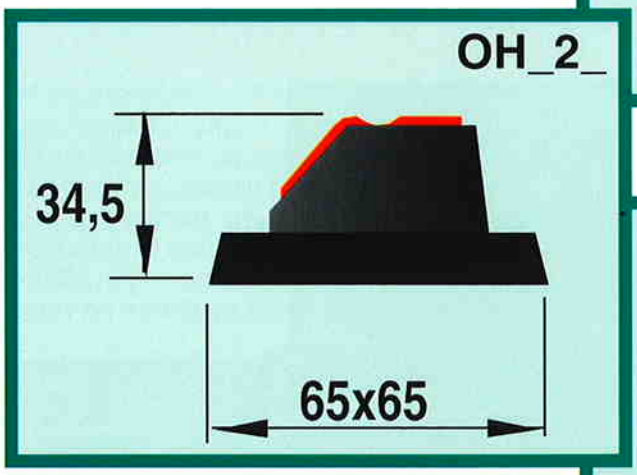
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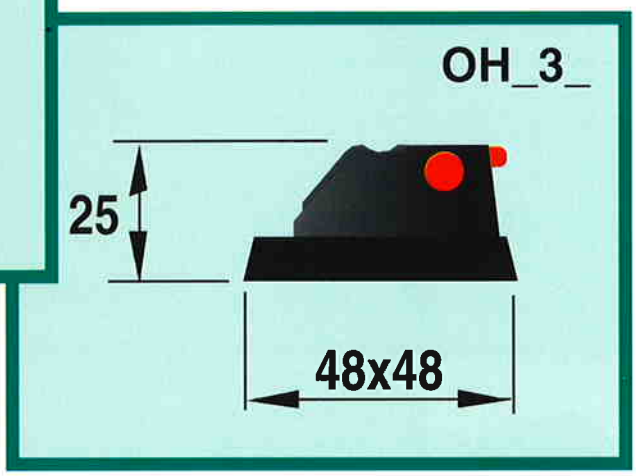
Selection and ordering information

Wide selection of handles

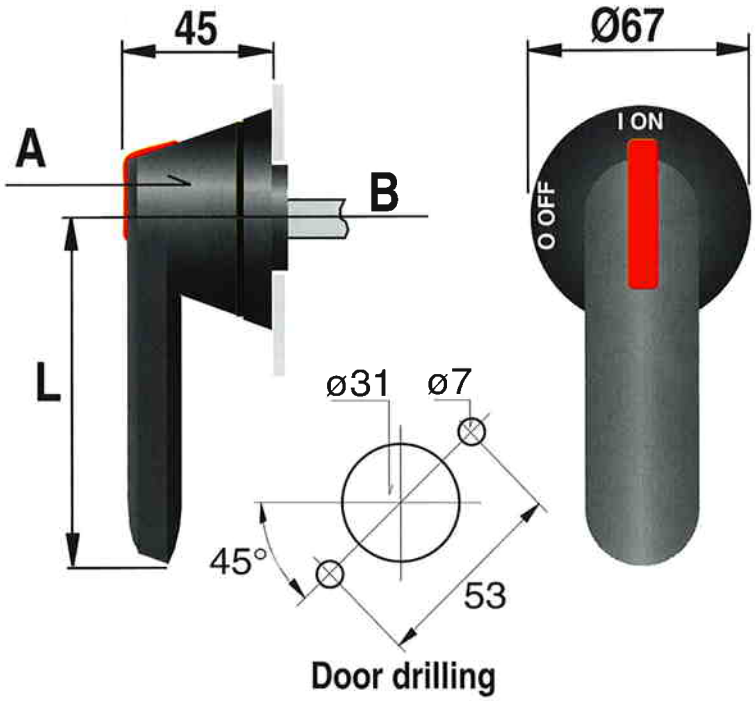
The range covers a large variety of handles from small selection handles up to long and robust pistol grip handles in black, red/yellow or grey colours.
The protection degree IP65 and simultaneous ON/OFF and I/O position marking reduce the number of stock articles.







Handle range accomodates square shafts of 5, 6, 8, 10 or 12 mm to optimize the size and strength.
The handle movement is 90 degrees and usually horizontal-vertical.
This movement can also be 45-45 degrees from vertical by means of twisted shafts.



A	L	■ B
OHB 45J5	45	5
OHB 45J6	45	6
OHB 45J10	45	10
OHB 65J5	65	5
OHB 65J6	65	6
OHB 65J8	65	8
OHB 65J10	65	10
OHB 80J6	80	6
OHB 80J8	80	8
OHB 80J10	80	10
OHB 95J10	95	10
OHB 95J12	95	12
OHB 125J10	125	10
OHB 125J12	125	12
OHB 145J12	145	12
OHB 175J12	175	12
OHB 275J12	275	12

B=  Y=  G= 

J= IP65



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Type designation key

standard type

OHB 1 P H M 1 E 0 1 1 S — **Selector handles**

- 1 — colour (B= black, G= grey, S= silver, Y= yellow/red)
- P — physical size
- H — connection to switch (A= external shaft, P= snap-on, R= screw)
- M 1 E 0 1 1 S — protection class (H= IP54, J= IP65)

OHB 1 P H M 1 E 0 1 1 S

- M — different structures (blank= normal, M= low fraction)
- 1 — door interlock (blank= normal, 1= not defeatable)
- E — special handle
- 0 — padlockings (0= in 0- pos., 1= in I-pos., 2= in 0- and I-pos., 3= in 0-, I- and II-pos.)
- 1 — position indications (0= 0-I, 1= 0-I-II, 2= 0- ⏚, 3= 0-C-I)
- 1 — mounting position (blank= normal door drilling,1,2,3= special)
- S — place in enclosure (blank= front operated, S= side operated)

standard type

OHB 125 J 12 T E 0 2 1 S — **Pistol-type handles**

- 125 — colour (B= black, G= grey, Y= yellow/red)
- J — length of handle in mm
- 12 — protection class (J= IP65)
- T E 0 2 1 S — shaft diameter in mm

OHB 125 J 12 T E 0 2 1 S

- T — different structures (blank=normal, T= test, K= cassette, X= trip)
- E — special handle
- 0 — padlockings (0= in 0-pos., 1= in I-pos., 2= in 0- and I-pos., 3= in 0-, I- and II-pos., 4= in ⏚ -pos, 5= no door interlock)
- 2 — position indications (0= 0-I, 1= 0-I-II, 2= 0- ⏚, 3= 0-C-I)
- 1 — mounting position (blank=normal door drilling,1= -45°, 2= -95°,3= special)
- S — place in enclosure (blank=front operated, S=side operated)

Ordering information

Type	Protection degree	Features	Packing pcs	Weight kg
Selector handles [1]		**Handles for base and DIN-rail mounted switches**		
OH_1AH	IP54		1/150	0,02
OH_1AH1	IP54	Door interlock in ON-position	1/150	0,02
OH_2AJ	IP65	Door interlock in ON-position, defeatable	1/120	0,07
OH_2AJ1	IP65	Door interlock in ON-position	1/120	0,07
OH_3AH	IP54		1/150	0,03
OH_3AH1	IP54	Door interlock in ON-position	1/150	0,03
Selector handles [2]		**Handles for door mounted switches**		
OH_1PH	IP54		1/150	0,03
OH_1RH	IP54		1/150	0,02
OH_2PJ	IP65		1/120	0,08
OH_2RJ	IP65		1/120	0,06
OH_3PJ	IP54		1/150	0,04
Pistol-type handles [3]		**Handles for base mounted switches**		
OH_45J5	IP65		1	0,1
OH_45J6	IP65		1	0,1
OH_65J5	IP65		1	0,12
OH_65J6	IP65		1	0,12
OH_65J8	IP65		1	0,12
OH_80J6	IP65		1	0,13
OH_80J8	IP65		1	0,13
OH_125J12	IP65		1	0,14
OH_145J12	IP65		1	0,15
OH_175J12	IP65		1	0,17
OH_275J12	IP65		1	0,23

1) Suitable for OT16E...OT125E - switches. A separate shaft is needed, types OX85...330
2) Suitable for OT16ET...OT63ET - swithes. No need for separate shaft.
3) Suitable for OETL and OESA - switches. A separate shaft is needed. Please see our appropriate technical cataloque for further information.

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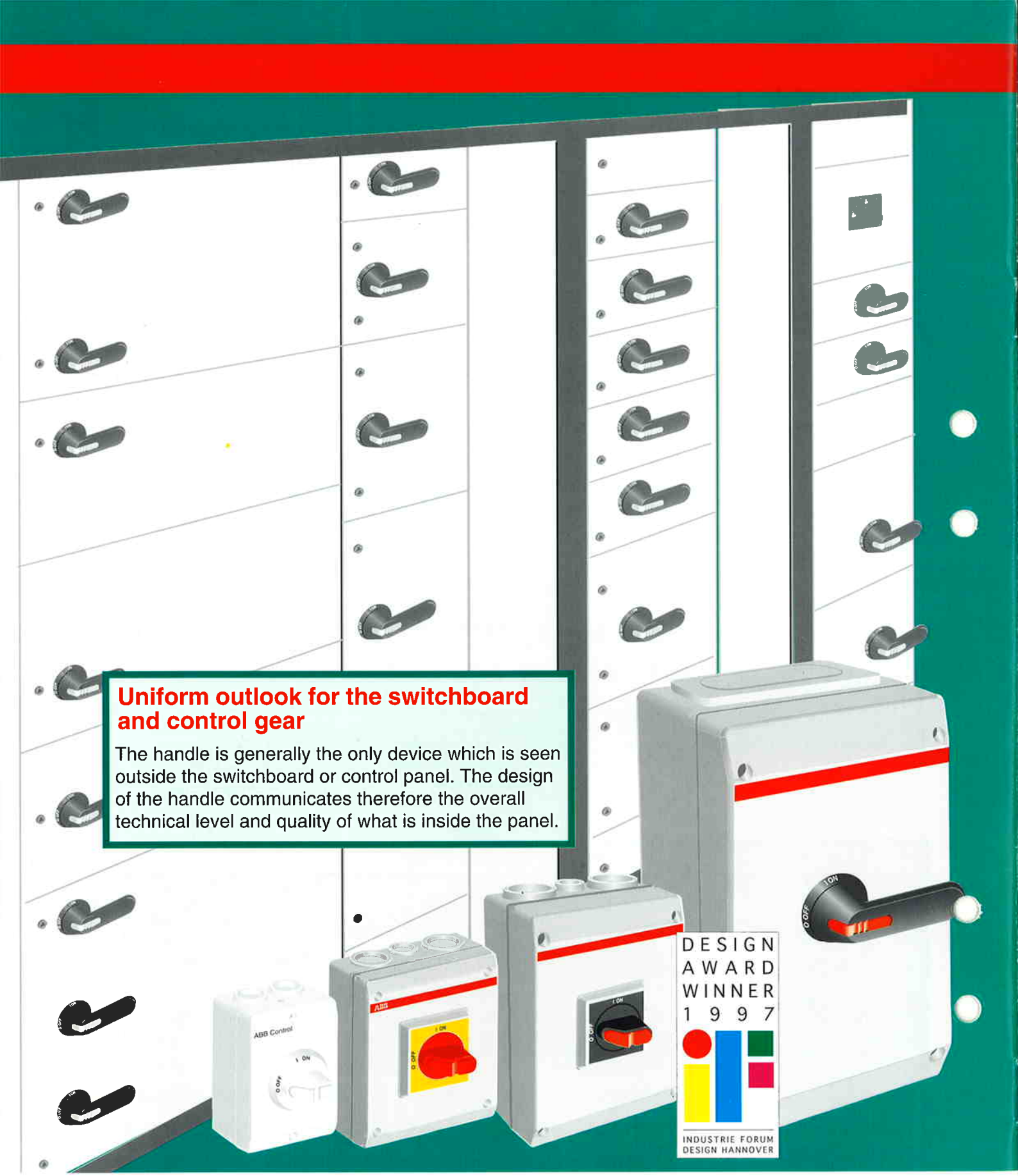


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