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**14**

## **Disconnect switches**

## Section 14

### Disconnect switches

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## Enclosed disconnect switches

### UL508 and UL98

#### UL508 non-fusible manual disconnect switches Max voltage (AC): 600Vac



| UL<br>amp<br>rating | Enclosure material | NEMA<br>Type | Handle   | Handle color | Aux contacts | Ordering Code   | HP Rating                                      |
|---------------------|--------------------|--------------|----------|--------------|--------------|-----------------|------------------------------------------------|
| 16                  | Plastic            | 3R/12        | Selector | Black        | -            | EOT520N3PAP-SBA | 5 HP / 240VAC, 10 HP / 480VAC, 10 HP / 600VAC  |
|                     |                    |              |          | Red/Yellow   | -            | EOT520N3PAP-SRA | 5 HP / 240VAC, 10 HP / 480VAC, 10 HP / 600VAC  |
|                     |                    | 4/4X         | Pistol   | Black        | -            | EOT520N3PAP-PBA | 5 HP / 240VAC, 10 HP / 480VAC, 10 HP / 600VAC  |
|                     |                    |              |          | Black        | 1 NO         | EOT520N3PAP-PB1 | 5 HP / 240VAC, 10 HP / 480VAC, 10 HP / 600VAC  |
|                     |                    |              |          | Red/Yellow   | -            | EOT520N3PAP-PRA | 5 HP / 240VAC, 10 HP / 480VAC, 10 HP / 600VAC  |
|                     | Steel              | 1            | Selector | Black        | -            | EOT520N3PA3-SBA | -                                              |
|                     |                    | 3R/12        | Pistol   | Black        | -            | EOT520N3PA3-PBA | -                                              |
|                     |                    |              | Selector | Black        | -            | EOT520N3PA3-SBA | -                                              |
|                     | Stainless Steel    | 4/4X         | Pistol   | Black        | -            | EOT520N3PAX-PBA | -                                              |
| 40                  | Plastic            | 3R/12        | Selector | Black        | -            | EOT540N3PAP-SBA | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC |
|                     |                    |              | Selector | Red/Yellow   | -            | EOT540N3PAP-SRA | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC |
|                     |                    | 4/4X         | Pistol   | Black        | -            | EOT540N3PAP-PBA | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC |
|                     |                    |              | Pistol   | Black        | 1 NO         | EOT540N3PAP-PB1 | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC |
|                     |                    |              | Pistol   | Black        | 1 NO & 1 NC  | EOT540N3PAP-PB1 | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC |
|                     |                    |              | Pistol   | Red/Yellow   | -            | EOT540N3PAP-PRA | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC |
|                     | Steel              | 1            | Selector | Black        | -            | EOT540N3PA3-SBA | -                                              |
|                     |                    | 3R/12        | Pistol   | Black        | -            | EOT540N3PA3-PBA | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC |
|                     |                    |              | Selector | Black        | -            | EOT540N3PA3-SBA | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC |
|                     | Stainless Steel    | 4/4X         | Pistol   | Black        | -            | EOT540N3PAX-PBA | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC |
| 60                  | Plastic            | 4/4X         | Pistol   | Black        | -            | EOT560N3PAP-PBA | 15 HP / 240VAC, 30 HP / 480VAC, 30 HP / 600VAC |
|                     | Steel              | 1            | Selector | Black        | -            | EOT560N3PA3-SBA | 15 HP / 240VAC, 30 HP / 480VAC, 30 HP / 600VAC |
|                     |                    | 3R/12        | Pistol   | Black        | -            | EOT560N3PA3-PBA | 15 HP / 240VAC, 30 HP / 480VAC, 30 HP / 600VAC |
|                     | Stainless Steel    | 4/4X         | Pistol   | Black        | -            | EOT560N3PAX-PBA | -                                              |
|                     | Plastic            | 4/4X         | Pistol   | Black        | -            | EOT580N3PAP-PBA | 20 HP / 240VAC, 40 HP / 480VAC, 40 HP / 600VAC |
| 80                  | Steel              | 3R/12        | Pistol   | Black        | -            | EOT580N3PA3-PBA | 20 HP / 240VAC, 40 HP / 480VAC, 40 HP / 600VAC |



#### UL98 non-fusible disconnect switches Max voltage (AC): 600Vac

| UL<br>amp<br>rating | Enclosure material | NEMA<br>Type | Handle | Handle color | Aux<br>contacts | Ordering Code    | HP Rating                                       |
|---------------------|--------------------|--------------|--------|--------------|-----------------|------------------|-------------------------------------------------|
| 30                  | Steel              | 1            | Pistol | Black        | -               | EOT930N3PA1-PBA  | 10 HP / 240VAC, 20 HP / 480VAC, 30 HP / 600VAC  |
|                     |                    |              | Pistol | Red/Yellow   | -               | EOT930N3PA1-PRA  | 10 HP / 240VAC, 20 HP / 480VAC, 30 HP / 600VAC  |
|                     |                    | 12/3R        | Pistol | Black        | -               | EOT930N3PA3-PBA  | 10 HP / 240VAC, 20 HP / 480VAC, 30 HP / 600VAC  |
|                     |                    |              | Pistol | Red/Yellow   | -               | EOT930N3PA3-PRA  | 10 HP / 240VAC, 20 HP / 480VAC, 30 HP / 600VAC  |
| 60                  | Steel              | 1            | Pistol | Black        | -               | EOT960N3PA1-PBA  | 20 HP / 240VAC, 40 HP / 480VAC, 40 HP / 600VAC  |
|                     |                    | 12/3R        | Pistol | Black        | -               | EOT960N3PA3-PBA  | 20 HP / 240VAC, 40 HP / 480VAC, 40 HP / 600VAC  |
| 100                 | Steel              | 1            | Pistol | Black        | -               | EOT9100N3PA1-PBA | 30 HP / 240VAC, 50 HP / 480 VAC, 50 HP / 600VAC |
|                     |                    | 12/3R        | Pistol | Black        | -               | EOT9100N3PA3-PBA | 30 HP / 240VAC, 50 HP / 480 VAC, 50 HP / 600VAC |
|                     | Stainless Steel    | 4/4X         | Pistol | Black        | -               | EOT9100N3PAX-PBA | 30 HP / 240VAC, 50 HP / 480 VAC, 50 HP / 600VAC |



Enclosed disconnect switches

UL508 and UL98

UL98 fusible disconnect switches  
Max voltage (AC): 600Vac

| UL<br>amp<br>rating | Enclosure material | NEMA Type | Fuse<br>Type | Handle | Handle color | Ordering Code   | HP Rating                                       |
|---------------------|--------------------|-----------|--------------|--------|--------------|-----------------|-------------------------------------------------|
| 30                  | Steel              | 1         | J            | Pistol | Red/Yellow   | EOS930J3PA1-PRA | 7.5 HP / 240VAC, 15 HP / 480VAC, 20 HP / 600VAC |
|                     |                    | 3R/12     | J            | Pistol | Black        | EOS930J3PA3-PBA | 7.5 HP / 240VAC, 15 HP / 480VAC, 20 HP / 600VAC |

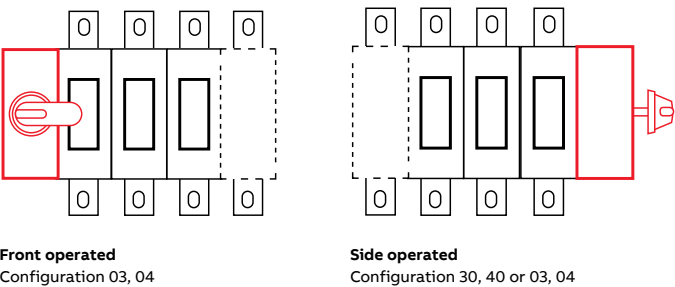
Non-fusible disconnect switches OT16...160

Ordering code construction

Understanding the type code keys below will help you quickly identify the correct product for your needs.

| OT16F4N2                                                                                            |  |                                                                                                                                                                                                                                        |  |  |
|-----------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <b>ABB Brand</b>                                                                                    |  | <b>Included accessories</b><br><br>N2 = Fourth pole, simultaneous function with the main contacts<br><br>_ = No accessories included<br><br>P = Pistol handle + shaft<br><br>K = Direct mount handle (for base mounting versions only) |  |  |
| OT = ABB switch-disconnector brand                                                                  |  |                                                                                                                                                                                                                                        |  |  |
| <b>Switch size</b>                                                                                  |  |                                                                                                                                                                                                                                        |  |  |
| The second letter in the code indicates the ampere rating [A] of the product: 16...160A             |  |                                                                                                                                                                                                                                        |  |  |
| <b>Operation/Mounting/Certification</b>                                                             |  |                                                                                                                                                                                                                                        |  |  |
| F = Base and DIN-rail mounting, front operated                                                      |  |                                                                                                                                                                                                                                        |  |  |
| FT = Door mounting, front operated                                                                  |  |                                                                                                                                                                                                                                        |  |  |
| G = Base and DIN-rail mounting, front and side operated                                             |  |                                                                                                                                                                                                                                        |  |  |
| GT = Door mounting, front and side operated                                                         |  |                                                                                                                                                                                                                                        |  |  |
| FL = Base and DIN-rail mounting, extended terminals on both sides of the switch, front operated     |  |                                                                                                                                                                                                                                        |  |  |
| FLA = Base and DIN-rail mounting, extended terminals on top side only, front operated               |  |                                                                                                                                                                                                                                        |  |  |
| FLB = Base and DIN-rail mounting, extended terminals on bottom side only, front operated            |  |                                                                                                                                                                                                                                        |  |  |
| M, ML = Installation switches for 45mm standard opening, base and DIN-rail mounting, front operated |  |                                                                                                                                                                                                                                        |  |  |
| <b>Number of poles and placing of the operating mechanism</b>                                       |  |                                                                                                                                                                                                                                        |  |  |
| 3 = 3 poles                                                                                         |  |                                                                                                                                                                                                                                        |  |  |
| 4 = 4 poles                                                                                         |  |                                                                                                                                                                                                                                        |  |  |
| 6 = 6 poles                                                                                         |  |                                                                                                                                                                                                                                        |  |  |
| 8 = 8 poles                                                                                         |  |                                                                                                                                                                                                                                        |  |  |
| 03 = 3 poles, operating mechanism at the left end of the switch                                     |  |                                                                                                                                                                                                                                        |  |  |
| 04 = 4 poles, operating mechanism at the left end of the switch                                     |  |                                                                                                                                                                                                                                        |  |  |
| 30 = 3 poles, operating mechanism at the right end of the switch                                    |  |                                                                                                                                                                                                                                        |  |  |
| 40 = 4 poles, operating mechanism at the right end of the switch                                    |  |                                                                                                                                                                                                                                        |  |  |

Pole configuration table, OT160G



OT Plus

Ordering code construction

Find your perfect fit, fast. Understanding the type code keys below will help you quickly identify the correct product for your needs.

|                                                               | OT | 63 | G2- | 3 | B | S | Empty | N2                                                                                                                                     |
|---------------------------------------------------------------|----|----|-----|---|---|---|-------|----------------------------------------------------------------------------------------------------------------------------------------|
| ABB Brand                                                     |    |    |     |   |   |   |       |                                                                                                                                        |
| Switch size                                                   |    |    |     |   |   |   |       | N1 = Fourth pole simultaneous, mounted on the left side<br>N2 = Fourth pole simultaneous, mounted on the right side                    |
| Indicates the ampere rating [A] of the product:<br>16...160 A |    |    |     |   |   |   |       |                                                                                                                                        |
| Generation letter and frame size                              |    |    |     |   |   |   |       |                                                                                                                                        |
| G2- = Frame 1                                                 |    |    |     |   |   |   |       |                                                                                                                                        |
| G2- = Frame 2                                                 |    |    |     |   |   |   |       |                                                                                                                                        |
| G3- = Frame 3                                                 |    |    |     |   |   |   |       |                                                                                                                                        |
| Number of poles                                               |    |    |     |   |   |   |       |                                                                                                                                        |
| 3 = 3 poles                                                   |    |    |     |   |   |   |       |                                                                                                                                        |
| 4 = 4 poles                                                   |    |    |     |   |   |   |       |                                                                                                                                        |
| 6 = 6 poles                                                   |    |    |     |   |   |   |       |                                                                                                                                        |
| 8 = 8 poles                                                   |    |    |     |   |   |   |       |                                                                                                                                        |
| Included accessories                                          |    |    |     |   |   |   |       | Empty = No accessories included (black padlockable knob handle included as standard)<br>U = Without knob handle, locking ring included |
| Number of poles and placing of the operating mechanism        |    |    |     |   |   |   |       | S = Screw terminals                                                                                                                    |
| Mounting and operation                                        |    |    |     |   |   |   |       | B = Base and DIN-rail mounting, front operated<br>D = Door mounting, front operated                                                    |



Non-fusible disconnect switches OT200-2000

Ordering code construction

Understanding the type code keys below will help you quickly identify the correct product for your needs.

OT

400

U

03

W

P

**ABB Brand**  
OT = Non-fusible disconnect switches

**Switch size**  
The second letter in the code indicates the ampere rating [A] of the product: 160...4000A

**Operation/Mounting/Certification**  
U = Front operated, base mounting, UL/CSA

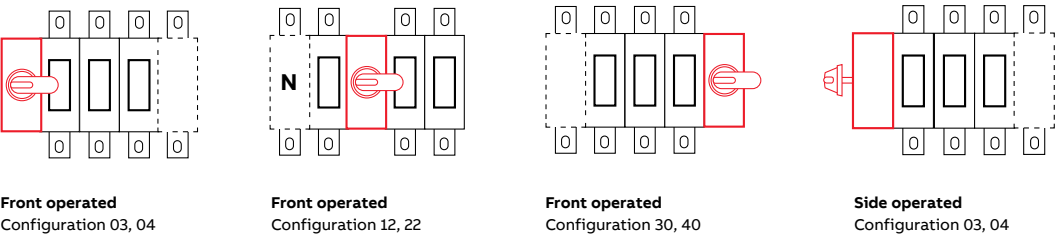
**Construction 2**  
K = With direct mount handle  
P = External handle and metal shaft included

**Construction 1**  
W = With wide phase distance

**Number of poles and placing of the operating mechanism**  
03 = 3-poles, operating mechanism at the left end of the switch  
04 = 4-poles, operating mechanism at the left end of the switch  
12 = 3-poles, operating mechanism between the poles  
22 = 4-poles, operating mechanism between the poles  
30 = 3-poles, operating mechanism at the right end of the switch  
40 = 4-poles, operating mechanism at the right end of the switch

Pole configuration table

The various placing options of the operating mechanism in relation to the 3 or 4 poles is illustrated below. The operating mechanism may be placed at the end of the switch or between poles.



## Non-fusible disconnect switches

### UL508 and UL98

For a complete assembly, please select one of each:

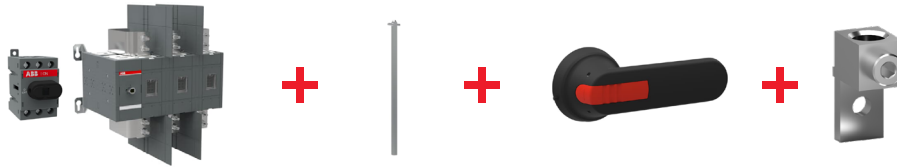
1 disconnect (page 14.5)

1 handle (page 14.12 , 14-13)

1 shaft (page 14.14)

1 terminal lug kit (page 14.16)

NOTE: For additional accessories, [see the buylog](#).  
(Lug kits only necessary on switches 200A and above)



| UL listing                                                     | UL general purpose<br>amp rating | 3 Pole ordering<br>code | 6 Pole ordering<br>code | HP Rating                                         |
|----------------------------------------------------------------|----------------------------------|-------------------------|-------------------------|---------------------------------------------------|
| <b>Base &amp; DIN-rail mounted    Max voltage (AC): 600Vac</b> |                                  |                         |                         |                                                   |
| UL 508                                                         | 20                               | OT16F3                  | ---                     | 5 HP / 240VAC, 10HP / 480VAC, 10 HP / 600VAC      |
|                                                                | 30                               | OT25F3                  | OT25F6                  | 7.5 HP / 240VAC, 15 HP / 480VAC, 20 HP / 600VAC   |
|                                                                | 30                               | OT25F3/B50*             | ---                     | 7.5 HP / 240VAC, 15 HP / 480VAC, 20 HP / 600VAC   |
|                                                                | 40                               | OT40F3                  | OT40F6                  | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC    |
|                                                                | 40                               | OT40F3/B50*             | ---                     | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC    |
|                                                                | 60                               | OT63F3                  | OT63F6                  | 15 HP / 240VAC, 30 HP / 480VAC, 30 HP / 600VAC    |
|                                                                | 60                               | OT63F3/B50*             | ---                     | 15 HP / 240VAC, 30 HP / 480VAC, 30 HP / 600VAC    |
|                                                                | 80                               | OT80F3                  | ---                     | 20 HP / 240VAC, 40 HP / 480VAC, 40 HP / 600VAC    |
| UL 98                                                          | 80                               | OT80F3/B50*             | ---                     | 20 HP / 240VAC, 40 HP / 480VAC, 40 HP / 600VAC    |
|                                                                | 30                               | OT30F3                  | ---                     | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC    |
|                                                                | 60                               | OT60F3                  | ---                     | 20 HP / 240VAC, 40 HP / 480VAC, 40 HP / 600VAC    |
|                                                                | 60                               | OT60F3/B25**            | ---                     | 20 HP / 240VAC, 40 HP / 480VAC, 40 HP / 600VAC    |
|                                                                | 100                              | OT100F3                 | OT100F6                 | 30 HP / 240VAC, 50 HP / 480 VAC, 50 HP / 600VAC   |
|                                                                | 100                              | OT100F3/B25**           | ---                     | 30 HP / 240VAC, 50 HP / 480 VAC, 50 HP / 600VAC   |
|                                                                | 100 <sup>1</sup>                 | OT160G03                | ---                     | -                                                 |
|                                                                | 200                              | OT200U03                | ---                     | 75 HP / 240VAC, 150 HP / 480VAC, 200 HP / 600VAC  |
|                                                                | 400                              | OT400U03                | ---                     | 125 HP / 240VAC, 250 HP / 480VAC, 350 HP / 600VAC |
|                                                                | 600                              | OT600U03                | ---                     | 200 HP / 240VAC, 450 HP / 480VAC, 500 HP / 600VAC |
|                                                                | 800                              | OT800U03                | ---                     | 250 HP / 240VAC, 500 HP / 480VAC, 500 HP / 600VAC |
|                                                                | 1200                             | OT1200U03               | ---                     | -                                                 |
| <b>Door mounted</b>                                            |                                  |                         |                         |                                                   |
| UL508                                                          | 20                               | OT16FT3                 | ---                     | 5 HP / 240VAC, 10HP / 480VAC, 10 HP / 600VAC      |
|                                                                | 30                               | OT25FT3                 | ---                     | 7.5 HP / 240VAC, 15 HP / 480VAC, 20 HP / 600VAC   |
|                                                                | 40                               | OT40FT3                 | ---                     | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC    |
|                                                                | 60                               | OT63FT3                 | ---                     | 15 HP / 240VAC, 30 HP / 480VAC, 50 HP / 600VAC    |
|                                                                | 80                               | OT80FT3                 | ---                     | 20 HP / 240VAC, 40 HP / 480VAC, 40 HP / 600VAC    |
| UL98                                                           | 30                               | OT30FT3                 | ---                     | 10 HP / 240VAC, 20 HP / 480VAC, 30 HP / 600VAC    |
|                                                                | 60                               | OT60FT3                 | ---                     | 20 HP / 240VAC, 40 HP / 480VAC, 40 HP / 600VAC    |
|                                                                | 100                              | OT100FT3                | ---                     | 30 HP / 240VAC, 50 HP / 480 VAC, 50 HP / 600VAC   |

Table continues on next page.



## Non-fusible disconnect switches

UL508 and UL98



OT63...80G2-3BS



OT63...80G2-4BSN2



OT30...100G3-3BS



OT30...100G3-4BSN2



| UL listing                                                  | UL general purpose amp rating | 3 Pole ordering code | 6 Pole ordering code | HP Rating                                         |
|-------------------------------------------------------------|-------------------------------|----------------------|----------------------|---------------------------------------------------|
| <b>Base &amp; DIN-rail mounted Max voltage (AC): 600Vac</b> |                               |                      |                      |                                                   |
| <b>Non-fusible double throw</b>                             |                               |                      |                      |                                                   |
| UL508                                                       | 40                            | OT40F3C              | ---                  | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC    |
|                                                             | 60                            | OT63F3C              | ---                  | 15 HP / 240VAC, 30 HP / 480VAC, 30 HP / 600VAC    |
|                                                             | 80                            | OT80F3C              | ---                  | 20 HP / 240VAC, 40 HP / 480VAC, 40 HP / 600VAC    |
| UL98                                                        | 30                            | OT30F3C              | ---                  | 10 HP / 240VAC, 20 HP / 480VAC, 30 HP / 600VAC    |
|                                                             | 60                            | OT60F3C              | ---                  | 20 HP / 240VAC, 40 HP / 480VAC, 40 HP / 600VAC    |
|                                                             | 100                           | OT100F3C             | ---                  | 30 HP / 240VAC, 50 HP / 480VAC, 50 HP / 600VAC    |
|                                                             | 200                           | OT200U30C            | ---                  | 75 HP / 240VAC, 150 HP / 480VAC, 200 HP / 600VAC  |
|                                                             | 400                           | OT400U30C            | ---                  | 125 HP / 240VAC, 250 HP / 480VAC, 350 HP / 600VAC |
|                                                             | 600                           | OT600U30C            | ---                  | 200 HP / 240VAC, 450 HP / 480VAC, 500 HP / 600VAC |
|                                                             | 800                           | OT800U30C            | ---                  | 250 HP / 240VAC, 500 HP / 480VAC, 500 HP / 600VAC |

<sup>1</sup> UL listed to 100A, UL recognized to 125A

\* Bulk Pack of 50 Pcs

\*\* Bulk Pack of 25 Pcs

### OT Plus disconnect switches

| UL listing                                                  | UL general purpose amp rating | 3 Pole ordering code | 4 Pole ordering code | HP Rating                                |
|-------------------------------------------------------------|-------------------------------|----------------------|----------------------|------------------------------------------|
| <b>Base &amp; DIN-rail mounted Max voltage (AC): 600Vac</b> |                               |                      |                      |                                          |
| <b>Non-fusible double throw</b>                             |                               |                      |                      |                                          |
| UL 60947-4-1                                                | 63                            | OT63G2-3BS           |                      | 20 HP/240VAC, 40 HP/480VAC, 40 HP/600VAC |
|                                                             | 63                            | OT63G2-3DS           |                      | 15 HP/230VAC, 30 HP/480VAC, 30 HP/600VAC |
|                                                             | 80                            | OT80G2-3BS           |                      | 15 HP/230VAC, 30 HP/480VAC, 30 HP/600VAC |
|                                                             | 80                            | OT80G2-3DS           |                      | 20 HP/240VAC, 40 HP/480VAC, 40 HP/600VAC |
| UL98                                                        | 30                            | OT30G3-3BS           |                      | 10 HP/230VAC, 20 HP/480VAC, 30 HP/600VAC |
|                                                             | 60                            | OT60G3-3BS           |                      | 20 HP/240VAC, 40 HP/480VAC, 50 HP/600VAC |
|                                                             | 60                            | OT60G3-3DS           |                      | 20 HP/240VAC, 40 HP/480VAC, 50 HP/600VAC |
|                                                             | 100                           | OT100G3-3DS          |                      | 30 HP/240VAC, 50 HP/480VAC, 60 HP/600VAC |
|                                                             | 100                           | OT100G3-3BS          |                      | 30 HP/240VAC, 50 HP/480VAC, 60 HP/600VAC |
|                                                             | 100                           |                      | OT100G3-4DSN2        | 30 HP/240VAC, 50 HP/480VAC, 60 HP/600VAC |

### OTDC DC disconnect switches

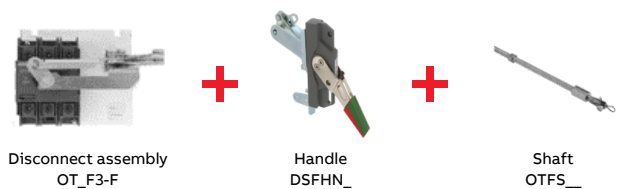
| UL listing | UL general purpose amp rating 1500Vdc | 2 pole ordering code |
|------------|---------------------------------------|----------------------|
| UL 98B     | 400                                   | OTDC400UFV11         |

Non-fusible disconnect switches

Flange handle operated switches

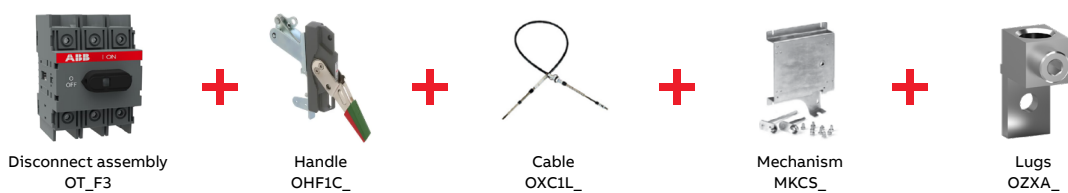
For a complete shaft operated flange assembly,  
please select one of each:  
1 disconnect (page 14.7)  
1 handle (page 14.14)  
1 shaft (page 14.14)

NOTE: For additional accessories, [see the buylog](#).



For a complete cable operated flange assembly, please select one of each:  
1 disconnect (page 14.7)  
1 handle (page 14.14)  
1 mechanism (page 14.14)  
1 cable (page 14.15)  
1 terminal lug kit (page 14.16)

NOTE: For additional accessories, [see the buylog](#).  
(Lug kits only necessary on switches 200A and above)



Flange handle shaft operated non-fusible disconnect

Max voltage (AC): 600Vac



| UL listing | UL general purpose amp rating | Ordering Code | HP Rating                                      |
|------------|-------------------------------|---------------|------------------------------------------------|
| UL98       | 30                            | OT30F3-F      | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC |

Flange handle cable operated non-fusible disconnect

Max voltage (AC): 600Vac

| UL listing | UL general purpose amp rating | Ordering Code | HP Rating                                         |
|------------|-------------------------------|---------------|---------------------------------------------------|
| UL98       | 30                            | OT30F3        | 10 HP / 240VAC, 20 HP / 480VAC, 25 HP / 600VAC    |
|            | 60                            | OT60F3        | 20 HP / 240VAC, 40 HP / 480VAC, 40 HP / 600VAC    |
|            | 100                           | OT100F3       | 30 HP / 240VAC, 50 HP 480 VAC, 50 HP / 600VAC     |
|            | 200                           | OT200U30      | 75 HP / 240VAC, 150 HP / 480VAC, 200 HP / 600VAC  |
|            | 400                           | OT400U30-FC   | 125 HP / 240VAC, 250 HP / 480VAC, 350 HP / 600VAC |
|            | 600                           | OT600U30-FC   | 200 HP / 240VAC, 450 HP / 480VAC, 500 HP / 600VAC |
|            | 800                           | OT800U30-FC   | 250 HP / 240VAC, 500 HP / 480VAC, 500 HP / 600VAC |
|            | 1200                          | OT1200U30-FC  | -                                                 |

Note: For flange handle and cables selection please check pages [14-14](#) and [14-15](#).

Fusible disconnect switches OS30

Ordering code construction

Type codes

Understanding the type code keys below will help you quickly identify the correct product for your needs. The simple naming system allows you to see the products type, Ampere rating, standard classification and number of poles, all in one glance.

OS

30F

AJ

-

22

-

F

-

**ABB Brand**  
OS = ABB switch fuse/fusible switch

**Switch size**  
The second part in the code indicates the ampere rating [A] of the product: 30A followed by the generation letter: F

**Fuse type**  
AJ = J  
ACC = CC

**Switch operation**  
Blank = Front operation  
S = Side operation

**Number of poles and placing of the operating mechanism**  
12 = 3 poles, operating mechanism between the poles  
22 = 4 poles, operating mechanism between the poles  
30 = 3 poles, operating mechanism at the right end of the switch

**Included handle**  
Blank = No handle included

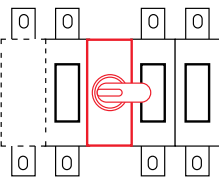
**Fourth pole/neutral terminal**  
F = Fused switched neutral  
Blank = Terminal not included

**Fuse size**  
Blank = Fuses not included

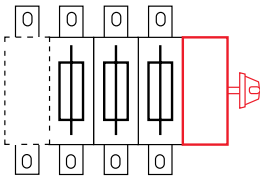
Pole configuration table

The various placing options of the operating mechanism in relation to the 3 or 4 poles is illustrated below. The operating mechanism may be placed at the end of the switch or between poles.

Between the poles OS\_12 or 22:



Side operated types OS\_30 or 40 / OS\_03 or 04:



## Fusible disconnect switches OS60...1200

### Ordering code construction

#### Type codes

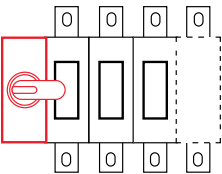
Understanding the type code keys below will help you quickly identify the correct product for your needs. The simple naming system allows you to see the products type, Ampere rating, standard classification and number of poles, all in one glance.

| OS100GJ-04N1--                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                     |  |                                                                                                                                                                |  |
|--------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>ABB Brand</b><br>OS = ABB switch fuse/fusible switch                  |  | <b>Switch size</b><br>The second part in the code indicates the ampere rating [A] of the product: 60...1200A possibly followed by generation letter: G                                                                                                                                                                                                                                                                                        |  | <b>Fuse type</b><br>J = J<br>L = L                                                  |  | <b>Included handle</b><br>Blank = No handle included                                                                                                           |  |
| <b>Switch operation</b><br>Blank = Front operation<br>S = Side operation |  | <b>Number of poles and placing of the operating mechanism</b><br>03 = 3 poles, operating mechanism at the left end of the switch<br>04 = 4 poles, operating mechanism between the poles<br>12 = 3 poles, operating mechanism between the poles<br>22 = 4 poles, operating mechanism between the poles<br>30 = 3 poles, operating mechanism at the right end of the switch<br>40 = 4 poles, operating mechanism at the right end of the switch |  | <b>Terminals for special connection (only IEC)</b><br>Blank = No special connection |  | <b>Fourth pole/neutral terminal</b><br>Blank = Neutral terminal not included<br>N1 = Non-fused switched neutral on the left side<br>F = Fused switched neutral |  |

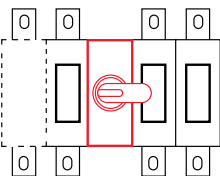
#### Pole configuration table

The various placing options of the operating mechanism in relation to the 3 or 4 poles is illustrated below. The operating mechanism may be placed at the end of the switch or between poles.

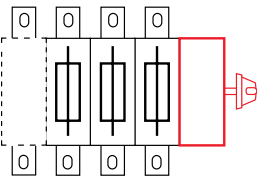
At the end of the switch fuse OS\_03 or 04:



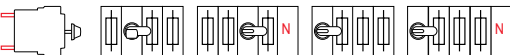
Between the poles OS\_12 or 22:



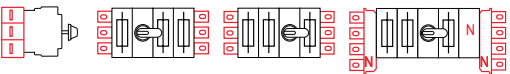
Side operated types OS\_30 or 40 / OS\_03 or 04:



BB-types:



LR-types:



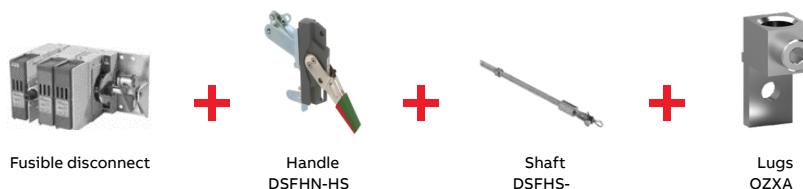
## Fusible disconnect switches

### UL98 flange handle operated switches

For a complete shaft operated flange assembly, please select one of each:

- 1 disconnect (page 14.10)
- 1 handle (page 14.15)
- 1 shaft (page 14.14)
- 1 terminal lug kit (page 14.16)

Note: For additional accessories, [see the buylog](#).  
(Lug kits only necessary on switches 100A and above)



For a complete cable operated flange assembly, please select one of each:

- 1 disconnect (page 14.10)
- 1 handle (page 14.15)
- 1 cable (page 14.15)
- 1 terminal lug kit (page 14.16)

Note: For additional accessories, [see the buylog](#).  
(Lug kits only necessary on switches 100A and above)



#### Flange handle shaft operated fusible disconnect Max voltage 600 (AC): 600Vac



| UL listing | UL general purpose amp rating | UL Fuse Type | Ordering Code | HP Rating                                       |
|------------|-------------------------------|--------------|---------------|-------------------------------------------------|
| UL98       | 30                            | J            | OS30FAJF30    | 7.5 HP / 240VAC, 15 HP / 480VAC, 20 HP / 600VAC |

#### Flange handle cable operated fusible disconnect Max voltage 600 (AC): 600Vac

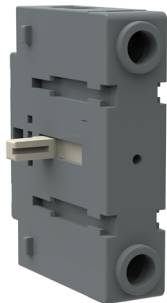
| UL listing | UL general purpose amp rating | UL Fuse Type | Ordering Code | HP Rating                                         |
|------------|-------------------------------|--------------|---------------|---------------------------------------------------|
| UL98       | 30                            | CC           | OS30FACC12    | 7.5 HP / 240VAC, 15 HP / 480VAC, 20 HP / 600VAC   |
|            | 30                            | J            | OS30FAJ12     | 7.5 HP / 240VAC, 15 HP / 480VAC, 20 HP / 600VAC   |
|            | 60                            | J            | OS60GJ12*     | 15 HP / 240VAC, 30 HP / 480VAC, 50 HP / 600VAC    |
|            | 60                            | J            | OS60GJ30      | 15 HP / 240VAC, 30 HP / 480VAC, 50 HP / 600VAC    |
|            | 100                           | J            | OS100GJ30     | 30 HP / 240VAC, 60 HP / 480VAC, 75 HP / 600VAC    |
|            | 200                           | J            | OS200J30      | 60 HP / 240VAC, 125 HP / 480VAC, 150 HP / 600VAC  |
|            | 400                           | J            | OS400J30-FC   | 125 HP / 240VAC, 250 HP / 480VAC, 350 HP / 600VAC |
|            | 600                           | J            | OS600J30-FC   | 200 HP / 240VAC, 400 HP / 480VAC, 500 HP / 600VAC |
|            | 800                           | L            | OS800L30-FC   | 250 HP / 240VAC, 500 HP / 480VAC, 500 HP / 600VAC |

Note: For flange handle and cables selection please check pages [14-14](#) and [14-15](#).

\* Operated,12 (Between the Poles)

## Fusible and non-fusible disconnect switches

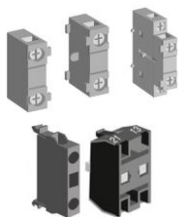
### Accessories



PNG2

#### 1 - Additional poles for non-fusible

| Description                                                                   | For use on         | AC Thermal amp rating | Mounting location | Panel or door mount | Ordering Code |
|-------------------------------------------------------------------------------|--------------------|-----------------------|-------------------|---------------------|---------------|
| <b>Power poles - Fourth Pole simultaneous function with the main contacts</b> |                    |                       |                   |                     |               |
|                                                                               | OT16-OT25, OT40    | 40                    | Left              | Panel               | OTPS40FPN1    |
|                                                                               | OT16-OT25, OT40    | 40                    | Right             | Panel               | OTPS40FPN2    |
|                                                                               | OT16-OT25, OT40    | 40                    | Left              | Door                | OTPS40FDN1    |
|                                                                               | OT16-OT25, OT40    | 40                    | Right             | Door                | OTPS40FDN2    |
|                                                                               | OT30, OT60         | 60                    |                   | Panel               | OTPS60FP      |
|                                                                               | OT30, OT60         | 60                    |                   | Door                | OTPS60FD      |
|                                                                               | OT63-OT80          | 80                    |                   | Panel               | OTPS80FP      |
|                                                                               | OT63G2-...OT100G2- | 80                    |                   | Door                | PNG2          |
|                                                                               | OT100              | 100                   |                   | Panel               | OTPS125FP     |
|                                                                               | OT100              | 100                   |                   | Door                | OTPS125FD     |
| <b>Terminal poles</b>                                                         |                    |                       |                   |                     |               |
| Solid Neutral                                                                 | OT16-OT25, OT40    | 40                    |                   | Panel               | OTPN40FP      |
|                                                                               | OT30, OT60         | 60                    |                   | Panel               | OTPN60FP      |
|                                                                               | OT63-OT80          | 80                    |                   | Panel               | OTPN80FP      |
|                                                                               | OT100              | 100                   |                   | Panel               | OTPN125FP     |
| Detachable Neutral                                                            | OT16-OT25, OT40    | 40                    |                   | Panel               | OTPE40FP      |
| Ground Terminal                                                               | OT16-OT25, OT40    | 40                    |                   | Door                | OTPE40FD      |
|                                                                               | OT63-OT80          | 80                    |                   | Door                | OTPE80FD      |



AUXGB-11

#### 2 - Auxiliary contacts Vdc/Vac

| Description                                                  | For use on                                      | AC Thermal amp rating | Ordering Code |
|--------------------------------------------------------------|-------------------------------------------------|-----------------------|---------------|
| <b>Snap-on mounting</b>                                      |                                                 |                       |               |
| 1 N.O.                                                       | OS30-1200, OT16-1200, OT16-800_C                | 10                    | OA1G10        |
| 1 N.C.                                                       | OT16-160                                        | 10                    | OA1G01        |
| 1 N.C.                                                       | OS30-1200, OT200-2000                           | 10                    | OA3G01        |
| 1 N.O. & 1 N.C.                                              | OT16-100                                        | 10                    | OA2G11        |
| 1 N.O. & 1 N.C.                                              | OS30                                            | 6                     | OA4B1C        |
| 1 N.O. & 1 N.C.                                              | OT63G2-...OT100G2-_BS,<br>OT30G3-...OT160G3-_BS |                       | AUXGB-11      |
| <b>Snap-on mounting for double throw</b>                     |                                                 |                       |               |
| 1 N.O.                                                       | OT16-800_C                                      | 10                    | OA1G10        |
| 1 N.O.                                                       | OT16-100_C                                      | 10                    | OA7G10        |
| 1 N.C.                                                       | OT16-100_C                                      | 10                    | OA1G01        |
| 1 N.C.                                                       | OT200-800_C                                     | 10                    | OA3G01        |
| 1 N.O. & 1 N.C.                                              | OT16-100_C                                      | 10                    | OA2G11        |
| <b>Accessories</b>                                           |                                                 |                       |               |
| Auxiliary contact frame<br>(for OA1G10 and OA3G01)           | OS30                                            |                       | OSZ4          |
| Auxiliary contact mounting module<br>(for OA1G10 and OA3G01) | OS200, OT200-400                                |                       | OEA28         |

## Fusible and non-fusible disconnect switches

### Accessories for rotary operated switches

#### 3 - Handles



| For use on                              | NEMA Type        | IP Rating | Shaft diameter in (mm) | Color           | Marking      | Ordering Code           |
|-----------------------------------------|------------------|-----------|------------------------|-----------------|--------------|-------------------------|
| <b>Selector handles</b>                 |                  |           |                        |                 |              |                         |
| OT16...125F                             | 1                | IP54      | 0.24 (6)               | Black           | O/I & Off/On | OHBS3AH1                |
| OT16...125F                             | 1                | IP54      | 0.24 (6)               | Red/Yellow      | O/I & Off/On | OHYS3AH1                |
| OT16...80F                              | 1                | IP54      | 0.24 (6)               | Black           | O/I & Off/On | OHBS1AH1                |
| OT16...125F                             | 1, 3R, 12        | IP65      | 0.24 (6)               | Black           | O/I & Off/On | OHBS2AJ1                |
| OT16...125F                             | 1, 3R, 12        | IP65      | 0.24 (6)               | Red/Yellow      | O/I & Off/On | OHYS2AJ1                |
| OT16...125F                             | 1, 3R, 12        | IP65      | 0.24 (6)               | Black           | O/I & Off/On | OHBS2AJ <sup>1</sup>    |
| OT16...125F                             | 1, 3R, 12        | IP65      | 0.24 (6)               | Red/Yellow      | O/I & Off/On | OHYS2AJ <sup>2</sup>    |
| <b>Selector handles with metal hasp</b> |                  |           |                        |                 |              |                         |
| OT16...125F                             | 1, 3R, 12        | IP65      | 0.24 (6)               | Black           | O/I & Off/On | OHBS2AJ1EH              |
| <b>Pistol handles</b>                   |                  |           |                        |                 |              |                         |
|                                         |                  |           |                        |                 |              | <b>Length (mm)</b>      |
| OT16...125F                             | 1, 3R, 12        | IP65      | 0.24 (6)               | Black           | O/I & Off/On | 1.8 (45) OHB45J6        |
| OT200                                   | 1, 3R, 12        | IP65      | 0.24 (6)               | Black           | O/I & Off/On | 2.6 (65) OHB65J6        |
| OT200                                   | 1, 3R, 12        | IP65      | 0.24 (6)               | Black           | O/I & Off/On | 3.1 (80) OHB80J6        |
| OT16...125F                             | 1, 3R, 12        | IP65      | 0.24 (6)               | Red/Yellow      | O/I & Off/On | 1.8 (45) OHY45J6        |
| OT200                                   | 1, 3R, 12        | IP65      | 0.24 (6)               | Red/Yellow      | O/I & Off/On | 2.6 (65) OHY65J6        |
| OT200                                   | 1, 3R, 12        | IP65      | 0.24 (6)               | Red/Yellow      | O/I & Off/On | 3.1 (80) OHY80J6        |
| OT16...125F                             | 1, 3R, 12        | IP65      | 0.24 (6)               | Grey            | O/I          | 1.8 (45) OHG45J6        |
| OT200                                   | 1, 3R, 12        | IP65      | 0.24 (6)               | Grey            | O/I          | 2.6 (65) OHG65J6        |
| OT200                                   | 1, 3R, 12        | IP65      | 0.24 (6)               | Grey            | O/I          | 3.1 (80) OHG80J6        |
| OT16...125F                             | 1, 3R, 12, 4, 4X | IP66      | 0.24 (6)               | Black           | O/I & Off/On | 1.8 (45) OHB45L6        |
| OT200                                   | 1, 3R, 12, 4, 4X | IP66      | 0.24 (6)               | Black           | O/I & Off/On | 2.6 (65) OHB65L6        |
| OT200                                   | 1, 3R, 12, 4, 4X | IP66      | 0.24 (6)               | Black           | O/I & Off/On | 3.1 (80) OHB80L6        |
| OT16...125F                             | 1, 3R, 12, 4, 4X | IP66      | 0.24 (6)               | Red/Yellow      | O/I & Off/On | 1.8 (45) OHY45L6        |
| OT200                                   | 1, 3R, 12, 4, 4X | IP66      | 0.24 (6)               | Red/Yellow      | O/I & Off/On | 2.6 (65) OHY65L6        |
| OT200                                   | 1, 3R, 12, 4, 4X | IP66      | 0.24 (6)               | Red/Yellow      | O/I & Off/On | 3.1 (80) OHY80L6        |
| OT200...2000A and OS30...1200A          | 1, 3R, 12, 4, 4X | IP66      | 0.24 (6)               | Stainless Steel | O/I & Off/On | 2.6 (65) OHM65L6        |
| OT400U_ And OTDC400                     | 1, 3R, 12        | IP65      | 0.47 (12)              | Black           | O/I & Off/On | 3.7 (95) OHB95J12       |
| OT600U_ And OTDC400                     | 1, 3R, 12        | IP65      | 0.47 (12)              | Black           | O/I & Off/On | 4.9 (125) OHB125J12     |
| OT600U_ And OS630...800                 | 1, 3R, 12        | IP65      | 0.47 (12)              | Black           | O/I & Off/On | 5.7 (145) OHB145J12     |
| OT800...1200U and OS1200                | 1, 3R, 12        | IP65      | 0.47 (12)              | Black T-Handle  | O/I & Off/On | 2X 5.9 (150) OHB150J12P |
| OS630...800                             | 1, 3R, 12        | IP65      | 0.47 (12)              | Black           | O/I & Off/On | 6.9 (175) OHB175J12     |
| OT800...1200U and OS1200                | 1, 3R, 12        | IP65      | 0.47 (12)              | Black T-Handle  | O/I & Off/On | 2X 7.9 (200) OHB200J12P |
| OT800...2000U_                          | 1, 3R, 12        | IP65      | 0.47 (12)              | Black           | O/I & Off/On | 10.8(274) OHB274J12     |
| OT600U_ And OS630...800                 | 1, 3R, 12        | IP65      | 0.47 (12)              | Red/Yellow      | O/I & Off/On | 4.9 (125) OHY125J12     |
| OT600U_ And OS630...800                 | 1, 3R, 12        | IP65      | 0.47 (12)              | Red/Yellow      | O/I & Off/On | 5.7 (145) OHY145J12     |
| OS630...800                             | 1, 3R, 12        | IP65      | 0.47 (12)              | Red/Yellow      | O/I & Off/On | 6.9 (175) OHY175J12     |
| OT800...1200U and OS1200                | 1, 3R, 12        | IP65      | 0.47 (12)              | Red/Yellow      | O/I & Off/On | 10.8 (274) OHY274J12    |
| OT600U_ And OS630...800                 | 1, 3R, 12        | IP65      | 0.24 (6)               | Grey            | O/I          | 5.7 (145) OHG145J12     |
| OT600U_ And OS630...800                 | 1, 3R, 12, 4, 4X | IP66      | 0.47 (12)              | Black           | O/I & Off/On | 4.9 (125) OHB125L12     |
| OT600U_ And OS630...800                 | 1, 3R, 12, 4, 4X | IP66      | 0.47 (12)              | Black           | O/I & Off/On | 5.7 (145) OHB145L12     |
| OS630...800                             | 1, 3R, 12, 4, 4X | IP66      | 0.47 (12)              | Black           | O/I & Off/On | 6.9 (175) OHB175L12     |
| OT800...1200U and OS1200                | 1, 3R, 12, 4, 4X | IP66      | 0.47 (12)              | Black           | O/I & Off/On | 10.8(274) OHB274L12     |
| OT600U_800 And OS630...800              | 1, 3R, 12, 4, 4X | IP66      | 0.47 (12)              | Red/Yellow      | O/I & Off/On | 5.7 (145) OHY145L12     |
| OT600U_800 And OS630...800              | 1, 3R, 12, 4, 4X | IP66      | 0.47 (12)              | Red/Yellow      | O/I & Off/On | 6.9 (175) OHY175L12     |
| OT600U_800 And OS630...800              | 1, 3R, 12, 4, 4X | IP66      | 0.47 (12)              | Stainless Steel | O/I & Off/On | 6.9 (175) OHM175L12     |

## Fusible and non-fusible disconnect switches

### Accessories for rotary operated switches

#### 3 - Handles (continued)



##### Direct mount handle

| For use on        | Color | Shaft | Ordering Code |
|-------------------|-------|-------|---------------|
| OT16-OT25, OT40   | Black | Yes   | OHBS12        |
| OT30, OT60, OT100 | Black | No    | OHBS2         |
| OS30              | Black | Yes   | OHBS5         |
| OS60-OS100        | Black | No    | OHBS4         |
| OS200             | Black | No    | OSV200BK      |
| OT200             | Black | No    | OTV250EK      |
| OS400             | Black | No    | OSV400BK      |
| OT400             | Black | No    | OTV400EK      |

#### Handle knobs for base and DIN-rail mounted switches for OT Plus Handle mounted directly on the switch



OHR-G3

##### Direct mount handle

| For use on                               | Color | Shaft | Ordering Code |
|------------------------------------------|-------|-------|---------------|
| OT63G2-...OT100G2-<br>OT30G3-...OT160G3- | Black | Yes   | OHR-G3        |

<sup>1</sup> Possible to be used together with shaft, included in standard delivery

#### Selector handles for door mounted switches



##### Direct mount handle

| NEMA Type                                              | IP rating | Color      | Ordering Code |
|--------------------------------------------------------|-----------|------------|---------------|
| <b>Snap-on mounting - for use on OT16FT3 - OT40FT3</b> |           |            |               |
| 1                                                      | IP54      | Black      | OHBS3PH       |
| 1                                                      | IP54      | Red/Yellow | OHYS3PH       |
| 1, 3R, 12                                              | IP65      | Black      | OHBS2PJ       |
| 1, 3R, 12                                              | IP65      | Red/Yellow | OHYS2PJ       |

##### Screw mounting - for use on OT16FT3 - OT100FT3. For OT30, OT60, and OT100 use OH\_2\_ only

|           |      |            |         |
|-----------|------|------------|---------|
| 1         | IP54 | Black      | OHBS1RH |
| 1         | IP54 | Black      | OHBS3RH |
| 1         | IP54 | Red/Yellow | OHYS3RH |
| 1, 3R, 12 | IP65 | Black      | OHBS2RJ |
| 1, 3R, 12 | IP65 | Red/Yellow | OHYS2RJ |

#### 3 Position for double throw switches



| For use on              | NEMA Type        | IP Rating | Shaft diameter in (mm) | Color | Marking           | Handle Length in (mm) | Order Code    |
|-------------------------|------------------|-----------|------------------------|-------|-------------------|-----------------------|---------------|
| <b>Selector handles</b> |                  |           |                        |       |                   |                       |               |
| OT16...125F             | 1, 3R, 12        | IP65      | 0.24 (6)               | Black | I/O/II, ON/OFF/ON |                       | OHBS2AJE011   |
| <b>Pistol handles</b>   |                  |           |                        |       |                   |                       |               |
| OT16...160              | 1, 3R, 12        | IP65      | 0.24 (6)               | Black | I/O/II, ON/OFF/ON | 2.6 (65)              | OHB65J6E011   |
| OT16...160              | 1, 3R, 12        | IP65      | 0.24 (6)               | Black | I/O/II, ON/OFF/ON | 3.1 (80)              | OHB80J6E011   |
| OT630-800               | 1, 3R, 12        | IP65      | 0.47 (12)              | Black | I/O/II, ON/OFF/ON | 5.7 (145)             | OHB145J12E011 |
| OT160-250               | 1, 3R, 12, 4, 4X | IP66      | 0.24 (6)               | Black | I/O/II, ON/OFF/ON | 2.6 (65)              | OHB65L6E011   |

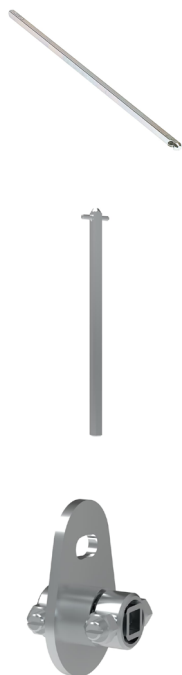
<sup>1</sup> The difference between OHBS2AJ and OHBS2AJ1 is that OHBS2AJ is defeatable.

<sup>2</sup> The difference between OHYS2AJ and OHYS2AJ1 is that OHYS2AJ is defeatable.



## Fusible and non-fusible disconnect switches

### Accessories for rotary operated switches



#### 4 - Shafts

| Shaft length in (mm)                                        | Ordering Code |
|-------------------------------------------------------------|---------------|
| <b>Shafts for selector handles - with diameter 0.24 (6)</b> |               |
| 2.2 (57)                                                    | OXS6X57       |
| 3.3 (85)                                                    | OXS6X85       |
| 3.7 (95)                                                    | OXS6X95       |
| 4.1 (105)                                                   | OXS6X105      |
| 4.7 (120)                                                   | OXS6X120      |
| 5.1 (130)                                                   | OXS6X130      |
| 5.9 (150)                                                   | OXS6X150      |
| 7.1 (180)                                                   | OXS6X180      |
| 9.8 (250)                                                   | OXS6X250      |
| 13 (330)                                                    | OXS6X330      |

| Description                         | Ordering Code |
|-------------------------------------|---------------|
| <b>Shaft and handle accessories</b> |               |
| 6mm shaft coupler                   | OESA-ZX167    |
| Shaft support                       | OETL-ZX58     |
| Shaft Coupler 12mm                  | OETL-ZX95     |
| Shaft Guide                         | OHZX10        |
| Adapter                             | OHZX6         |
| Din Rail Adapter                    | OSGZD1        |

| Shaft length in (mm)                                      | Ordering Code |
|-----------------------------------------------------------|---------------|
| <b>Shafts for pistol handles - with diameter 0.24 (6)</b> |               |
| 2.2 (57)                                                  | EXP6X57       |
| 3.4 (87)                                                  | EXP6X87       |
| 5.2 (130)                                                 | EXP6X130      |
| 5.9 (150)                                                 | EXP6X150      |
| 6.2 (158)                                                 | EXP6X158      |
| 6.7 (170)                                                 | EXP6X170      |
| 6.9 (175)                                                 | EXP6X175      |
| 7.1 (181)                                                 | EXP6X181      |
| 8.3 (210)                                                 | EXP6X210      |
| 10.4 (265)                                                | EXP6X265      |
| 11.4 (290)                                                | EXP6X290      |
| 14.2 (360)                                                | EXP6X360      |
| 15.8 (400)                                                | EXP6X400      |
| 16.9 (430)                                                | EXP6X430      |
| 19.7 (500)                                                | EXP6X500      |
| 27.6 (700)                                                | EXP6X700      |

|                                                            |           |
|------------------------------------------------------------|-----------|
| <b>Shafts for pistol handles - with diameter 0.47 (12)</b> |           |
| 7.3 (185)                                                  | EXP12X185 |
| 9.8 (250)                                                  | EXP12X250 |
| 11.0 (280)                                                 | EXP12X280 |
| 12.8 (325)                                                 | EXP12X325 |
| 15.6 (395)                                                 | EXP12X395 |
| 18.3 (465)                                                 | EXP12X465 |
| 21.1 (535)                                                 | EXP12X535 |
| 24.6 (625)                                                 | EXP12X625 |

#### 5 - Flange handles

| <b>Flange handle, shaft operated for fusible and non-fusible disconnect switches</b> |         |               |
|--------------------------------------------------------------------------------------|---------|---------------|
| NEMA type                                                                            | Marking | Ordering Code |
| 1, 3R, 12                                                                            | OFF/ON  | DSFHN-HS12    |

| <b>Flange handle shafts</b> |                         |               |
|-----------------------------|-------------------------|---------------|
| For use with:               | Maximum enclosure depth | Ordering Code |
| OS30_ - OS100_              | 16"                     | DSFHS-12      |
| OT30F3-F                    | 16"                     | OTFS-16       |

| <b>Flange handle cable operating mechanism</b> |               |
|------------------------------------------------|---------------|
| For use with:                                  | Ordering Code |
| OT30...100F3                                   | MKCS1         |
| OS30AFJ12, OS30AAFCC12                         | MKCS2         |
| OS60GJ12                                       | MKCS3         |
| OS60...100GJ30, OS200J30, OT200U30             | MKCS4         |

Table continues on next page.

## Fusible and non-fusible disconnect switches

### Accessories

#### 5 - Flange handles (continued)



##### Flange handle, cable operated

| For use with:                          | NEMA Type | Ordering Code |
|----------------------------------------|-----------|---------------|
| OS30FA_12, OS60...100GJ30, OS200J30    | 1, 3R, 12 | OHF1C12       |
| OT30...100F3, OT200U30                 | 4, 4X     | OHF1C4        |
| OS400J30-FC, OT400...600U30-FC         | 1, 3R, 12 | K7FCH         |
|                                        | 4, 4X     | K7FCH4        |
| OS600J30-FC                            | 1, 3R, 12 | K8FCH         |
|                                        | 4, 4X     | K8FCH4        |
| OS800...1200L30-FC, OT800...1200U30-FC | 1, 3R, 12 | K9FCH         |
|                                        | 4, 4X     | K9FCH4        |

#### 6 - Cables for flange handle disconnect switches



| For use with:                                               | Ordering Code |         |         |
|-------------------------------------------------------------|---------------|---------|---------|
|                                                             | 36 in         | 48 in   | 60 in   |
| OS30FA_12, OS60...100GJ30, OS200J30, OT30...100F3, OT200U30 | OXC1L36       | OXC1L48 | OXC1L60 |
| OS400...600J30-FC, OT400...600U30-FC                        | -             | K7C048  | K7C060  |
| OS800...1200L30-FC, OT800...1200U30-FC                      | -             | K8C048  | K8C060  |

#### 7 - Terminal shrouds



OTS40T3



TSG3-3



OSS160GG1L/3

| Description                               | For Use On        | Ordering Code |
|-------------------------------------------|-------------------|---------------|
| <b>For non-fusible</b>                    |                   |               |
| (1) 3 pole for use on line or load side   | OT16-OT25, OT40   | OTS40T3       |
|                                           | OT63-80           | OTS63T3       |
|                                           | OT30, OT60, OT100 | OTS125T3      |
| (1) 4th pole for use on line or load side | OT16-OT25, OT40   | OTS40T1       |
|                                           | OT63-80           | OTS63T1       |
| (3) 1 pole for use on line or load side   | G2                | TSG2-3        |
| (3) 1 pole for use on line or load side   | G3                | TSG3-3        |
| (3) 1 pole long type                      | OT200             | OTS250G1L/3   |
| (3) 1 pole short type                     | OT200             | OTS250G1S/3   |
| (1) 3 pole for use on line or load side   | OT400             | OTS403        |
|                                           | OT400U30-FC       | OTS403-FC     |
| (3) 1 pole long type                      | OT400             | OTS400G1L/3   |
| (3) 1 pole short type                     | OT400             | OTS400G1S/3   |
| (1) 3 pole for use on line or load side   | OT600             | OTS603        |
|                                           | OT600U30-FC       | OTS603-FC     |
|                                           | OT800U30-FC       | OTS803-FC     |
|                                           | OT1200U30-FC      | OTS1203-FC    |
| <b>For non-fusible</b>                    |                   |               |
| (3) 1 pole long type                      | OS100             | OSS160GG1L/3  |
| (3) 1 pole short type                     | OS100             | OSS160GG1S/3  |
| (3) 1 pole long type                      | OS200             | OSS200G1L/3   |
| (3) 1 pole short type                     | OS200             | OSS200G1S/3   |
| (3) 1 pole long type                      | OS400             | OSS400G1L/3   |
| (1) 3 pole for use on line or load side   | OS400             | OSS403        |
|                                           | OS400J30-FC       | OSS403-FC     |

Table continues on next page.

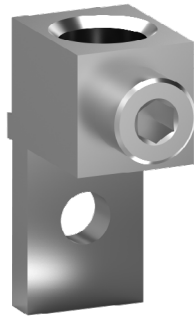
## Fusible and non-fusible disconnect switches

### Accessories



#### 7 - Terminal shrouds

| Description                             | For Use On   | Ordering Code |
|-----------------------------------------|--------------|---------------|
| <b>For non-fusible</b>                  |              |               |
| (1) 3 pole for use on line or load side | OS600        | OSS603        |
|                                         | OS600J30-FC  | OSS603-FC     |
| (3) 1 pole long type                    | OS800        | OSS800G1L/3   |
| (1) 3 pole for use on line or load side | OS800L30-FC  | OSS803-FC     |
|                                         | OS1200L30-FC | OSS1203-FC    |



#### 8 - Terminal lug kits

| For Use On               | Wire Size          | Wire Type | Lugs/Kit | Ordering Code |
|--------------------------|--------------------|-----------|----------|---------------|
| OS100                    | #14-2/0            | Cu/Al     | 6        | OZXA-24       |
| OT200, OS200             | #4 - 300 kcmil     | Cu/Al     | 6        | OZXA-200      |
| OT400, OS400             | #2 - 600 kcmil     | Cu/Al     | 6        | OZXA-400      |
|                          | (2) #4 - 300 kcmil | Cu/Al     | 6        | OZXA-402      |
|                          | (6) #14 - 6 AWG    | Cu/Al     | 3        | OZXA-406      |
| OT600...800, OS600...800 | (2) #2 - 600 kcmil | Cu/Al     | 6        | OZXA-800      |
| OS1200, OT800...2000     | (4) #2 - 600 kcmil | Cu/Al     | 6        | OZXA-1200     |



#### 9 - Other accessories

| Description                                           | Ordering Code |
|-------------------------------------------------------|---------------|
| Bridge bars OT200U_C                                  | OTZC13        |
| Bridge bars OT400U_C                                  | OTZC23        |
| Bridge bars for OT600U_C                              | OTZC33        |
| Bridge bars for OT800U_C                              | OTZC53        |
| Module for auxiliaries or fuse monitor mounting, OS30 | OSZ4          |
| Alignment ring                                        | OHZX11        |
| Stainless steel hasp                                  | OHZX12        |
| Stainless steel hasp                                  | OHZX13        |

#### Performance data of auxiliary contacts

| Ue  | Ie | Ue  | Ie   |
|-----|----|-----|------|
| VAC | A  | VDC | A    |
| 230 | 6  | 24  | 10   |
| 400 | 4  | 72  | 4    |
| 415 | 4  | 125 | 2    |
| 690 | 2  | 250 | 0.55 |
|     |    | 440 | 0.1  |