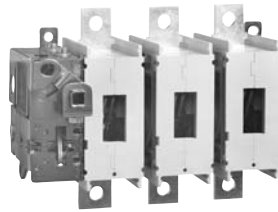


200A

Disconnect
switches
Non-fusible

For a complete assembly,
please select one of each:

- 1 switch
- 1 handle
- 1 shaft
- 1 terminal lug kit



OETL-NF200ASW



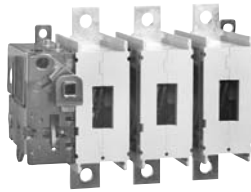
OXP8X240



OHB80J8



OZXA-25



OETL-NF200ASW



OHB__J8



OHY__J8



OXP8X__



OXP8X340-45

175 – 200 Amp switches, 600V

| UL general purpose amp rating | IEC AC21 Amp rating | Maximum horsepower rating | | | | | Catalog number | List price |
|--|------------------------------|---------------------------|------|------|------|------|--|---------------|
| | | Three phase | | | | | | |
| | | 200V | 208V | 240V | 480V | 600V | | |
| 2 pole | | | | | | | | |
| 200 | 250 | — | — | — | — | — | 2 pole OETL-NF200A2SW \$ 560 | |
| 3 pole | | | | | | | | |
| 200 | 250 | 60 | 60 | 75 | 150 | 200 | 3 pole OETL-NF200ASW 620 | |
| 4 pole | | | | | | | | |
| 200 | 250 | 60 | 60 | 75 | 150 | 200 | 4 pole OETL-NF200A4SW 780 | |

Pistol handles — for use with shafts $\square .31 \times .31$ " ($\square 8 \times 8$ mm)

| UL/NEMA type | IEC type | Color | Length mm | Marking | Defeat- able | Padlock- able | Weight (lbs) | Catalog number | List price |
|-----------------|-------------|---------|--------------|--------------|-----------------|------------------|-----------------|-------------------|---------------|
| 1,3R,12 | IP65 | Black | 2.6/65 | O/I & Off/On | Yes | Yes | 0.29 | OHB65J8 | \$ 80 |
| 1,3R,12 | IP65 | Red/Yel | 2.6/65 | O/I & Off/On | Yes | Yes | 0.29 | OHY65J8 | 80 |
| 1,3R,12 | IP65 | Black | 3.1/80 | O/I & Off/On | Yes | Yes | 0.30 | OHB80J8 | 80 |
| 1,3R,12 | IP65 | Red/Yel | 3.1/80 | O/I & Off/On | Yes | Yes | 0.30 | OHY80J8 | 80 |
| 1,3R,4,4X,12 | IP66 | Black | 3.1/80 | O/I & Off/On | Yes | Yes | 0.30 | OHB80L8 | 120 |
| 1,3R,4,4X,12 | IP66 | Red/Yel | 3.1/80 | O/I & Off/On | Yes | Yes | 0.30 | OHY80L8 | 120 |

Shafts — for use with pistol handles $\square .31 \times .31$ " ($\square 8 \times 8$ mm)

| Shaft length inches/mm | Mounting depth ¹ in inches OETL-NF175 – OETL-NF200 | Weight (lbs) | Catalog number | List price |
|---------------------------|--|-----------------|-------------------|---------------|
| 5.5/140 | 4.7 – 8.7 | 0.15 | OXP8X140 | \$ 16 |
| 9.5/240 | 8.7 – 12.6 | 0.26 | OXP8X240 | 24 |
| 13.4/340 | 12.6 – 16.6 | 0.36 | OXP8X340 | 40 |
| 19.5/500 | 18.9 – 22.9 | 0.54 | OXP8X500 | 48 |

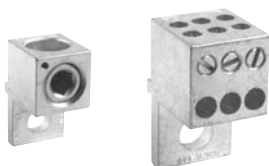
Twisted shafts — Rotates handle 45° $\square .31 \times .31$ " ($\square 8 \times 8$ mm)

| Shaft length inches/mm | Mounting depth ¹ in inches OETL-NF175 – OETL-NF200 | Weight (lbs) | Catalog number | List price |
|---------------------------|--|-----------------|-------------------|---------------|
| 13.4/340 | 12.6 – 16.6 | 0.36 | OXP8X340-45 | \$ 44 |

Spec Tech Industrial 203 Vest Ave. Valley Park, MO 63088 Phone: 888 SPECTECH
Fax: 636 537-1405 www.spectechind.com

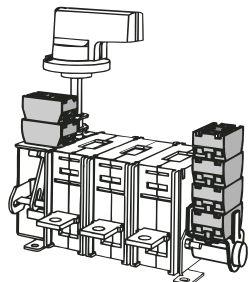
¹ Mounting depth is the distance from the outside of the door to the disconnect switch mounting plate. Shaft can be cut to desired length.

200A Accessories

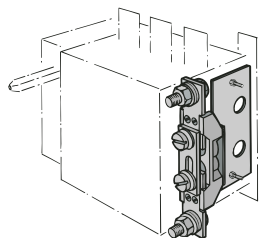


OZXA-25

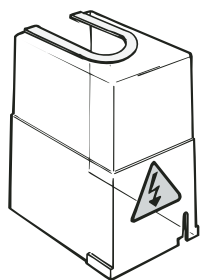
OZXA-175



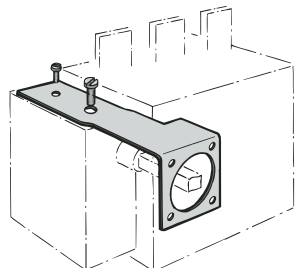
OZXK-12, -13, -14, -15, -16, -17



OETL-ZX129



OETL-ZX200A



OHZX2

Terminal lug kits

| For use on: | Wire size | Kit weight (lbs.) | Wire type | Terminal lugs per kit | Catalog number | List price |
|-------------|----------------|-------------------|-----------|-----------------------|----------------|--------------|
| OETL-NF200A | #6 – 300 kcmil | 0.93 | Cu/Al | 6 | OZXA-25 | \$ 80 |
| | #6 – 300 kcmil | 0.47 | Cu/Al | 3 | OZXA-25/3P | 40 |
| | *(6) #14 – 6 | 0.55 | Cu/Al | 3 | OZXA-175 | 180 |

*A load side distribution lug eliminates the need to purchase, install and wire a separate distribution block.

Auxiliary contacts[®]

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number | List price |
|-----------------|-------------|--------------|-----------------------|------------------|----------------|--------------|
| 1 N.O. + 1 N.C. | OETL-NF200A | 0.09 | 10 | 600 | OZXK-12 | \$ 72 |
| 2 N.O. + 2 N.C. | | 0.18 | 10 | 600 | OZXK-13 | 130 |
| 4 N.O. + 4 N.C. | | 0.35 | 10 | 600 | OZXK-16 | 260 |
| 2 N.O. | | 0.09 | 10 | 600 | OZXK-14 | 72 |
| 4 N.O. | | 0.18 | 10 | 600 | OZXK-15 | 130 |
| 8 N.O. | | 0.35 | 10 | 600 | OZXK-17 | 260 |

Contact configuration when mounted on switch, not shelf state.

Terminal poles

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number | List price |
|---|-------------|--------------|-----------------------|------------------|----------------|---------------|
| Detachable neutral mounts on side of switch or DIN rail | OETL-NF200A | 0.84 | 200 | 600 | OETL-ZX129 | \$ 138 |

Terminal shrouds

| Description | For use on: | Weight (lbs) | Catalog number | List price |
|--|-------------|--------------|----------------|--------------|
| Includes one set of 3 shrouds for use on line or load side | OETL-NF200A | 0.40 | OETL-ZX200A | \$ 94 |

Handle support bracket

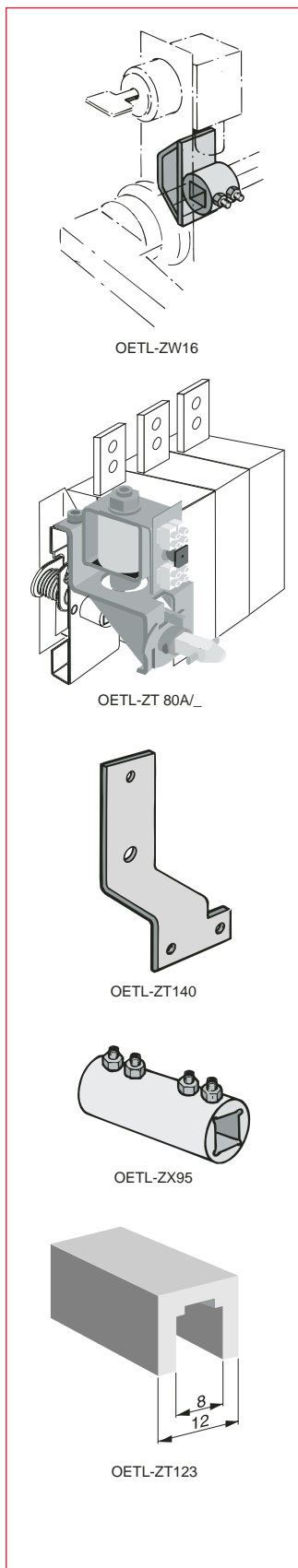
| Description | For use on: | Weight (lbs) | Catalog number | List price |
|--|-------------|--------------|----------------|--------------|
| Allows handle to be directly mounted to switch behind the door | OETL-NF200A | 0.33 | OHZX2 | \$ 24 |

NOTE: Use OXP8X140 shaft with support bracket.

① UL File E57057 _____

200A Accessories

Disconnect
switches
Non-fusible



Locking accessories

| Description | For use on: | Weight (lbs) | Catalog number | List price |
|--|-------------------|--------------|----------------|---------------|
| Cam attachment for Kirk Key, Castell, Lowe & Fletcher and Ronis interlock. For adapting to the interlock system. The interlock is not included. | 5, 6 & 8mm shafts | 0.29 | OETL-ZW16 | \$ 190 |
| Electrical interlock ① Closed circuit principle for interlocking the switch movement. When the coil circuit is dead, A-types cannot be operated to ON-position and L-types cannot be operated to ON- or OFF-position. Coil voltages 110VAC, 220VAC, 24VDC, 48VDC, 60 VDC, 110VDC, 220VDC, P = 15W U = 0.7 – 1.1 Un (U = coil voltage, Un = nominal voltage) | OETL-NF200A | 2.42 | OETL-ZT80A/★ | 1280 |
| | | | OETL-ZT80L/★ | 1220 |
| Mounting bracket | OETL-NF200A | 0.35 | OETL-ZT140 | 80 |

★ - Coil voltage

Shaft extension coupler

| Description | For use on: | Weight (lbs.) | Catalog number | List price |
|--|-------------|---------------|----------------|---------------|
| Joins two shafts together for applications where extended length is required | 12mm shafts | 0.26 | OETL-ZX95 | \$ 100 |

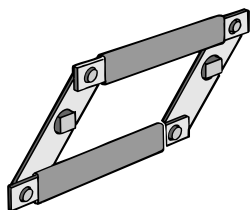
Shaft adapter is required for 8mm shafts.

Shaft adapter

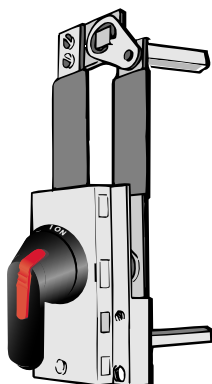
| Description | For use on: | Weight (lbs.) | Catalog number | List price |
|---|-------------|---------------|----------------|--------------|
| Adapts one end of an 8mm shaft to a 12mm shaft. Use with shaft extension coupler. | 8mm shafts | 0.20 | OETL-ZT123 | \$ 40 |

① OETL-ZT140 mounting bracket required.

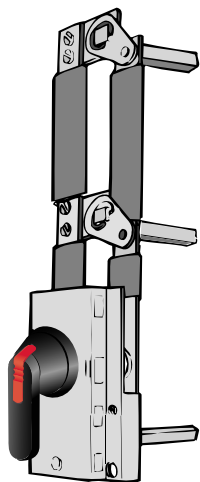
200A Accessories



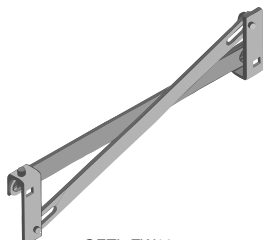
OETL-ZW18



OETL-ZW20



OETL-ZW21



OETL-ZW19

Conversion mechanisms

- Switches are not included

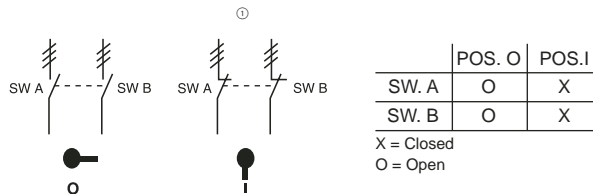
| Description | For use on: | Weight (lbs) | UL/NEMA type | Catalog number | List price |
|----------------------|-------------|--------------|--------------|----------------|------------|
| 6 or 8 pole Transfer | OETL-NF200A | 1.61 | — | OETL-ZW18 | \$ 250 |
| Transfer | | 6.17 | 1,3R,12 | OETL-ZW20 | 450 |
| Bypass | | 6.17 | 1,3R,4,4X,12 | OETL-ZW20X | 490 |
| Bypass | | 7.27 | 1,3R,12 | OETL-ZW21 | 522 |
| Mechanical interlock | | 4.41 | 1,3R,4,4X,12 | OETL-ZW21X | 562 |
| | | | — | OETL-ZW19 | 120 |

6 or 8 pole — OETL-ZW18

6 (8) pole mechanism allows two switches controlled by one handle to open or close simultaneously.

Equipment required for a complete installation:

- Includes OHB145J12 handle
- One conversion mechanism
- Two disconnect switches (see page 17.23)
- Two shafts (see page 17.23)



Transfer — OETL-ZW20, OETL-ZW20X

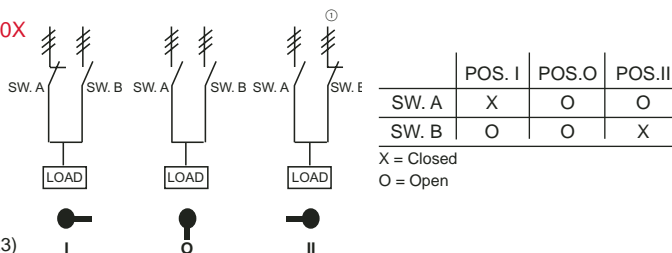
Transfer mechanism manually transfers between two power sources using two switches and a center OFF position.

A 3-position handle is included:

- OHB145J12E011 (Type 1, 3R, 12) or OHB145L12E011 (Type 1, 3R, 4, 4X, 12)

Shafts included. Equipment required for a complete installation:

- One conversion mechanism
- Two disconnect switches (see page 17.23)



Bypass — OETL-ZW21, OETL-ZW21X

Bypass mechanism operates three switches: Two switches in series and one changeover switch to allow power bypass.

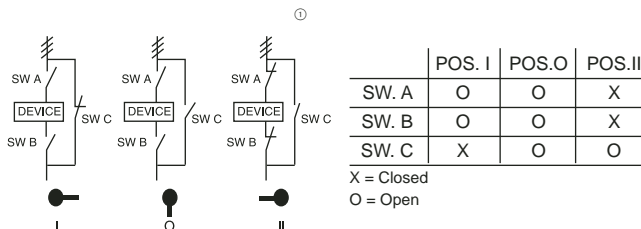
A 3-position handle is included:

- OHB145J12E011 (Type 1, 3R & 12) or OHB145L12E011 (Type 1, 3R, 4, 4X, 12)

Shafts included.

Equipment required for a complete installation:

- One conversion mechanism
- Three disconnect switches (see page 17.23)



Mechanical interlock — OETL-ZW19

Mechanical interlock mechanism prevents both switches from being in the ON position at the same time.

Equipment required for a complete installation:

- One conversion mechanism
- Two disconnect switches (see page 17.23)
- Two handles (see page 17.23)
- Two shafts (see page 17.23)



Drawing and mounting information found on pg 17.68 & 17.71

① ≡ = Three poles

400A – 800A

Disconnect
switches
Non-fusible

For a complete assembly,
please select one of each:

- 1 switch
- 1 handle
- 1 shaft
- 1 terminal lug kit



400 – 800 Amp switches, 600V

| UL general purpose amp rating | IEC AC21 amp rating | Maximum horsepower rating | | | | | Catalog number | List price |
|-------------------------------|---------------------|---------------------------|------|------|------|------|----------------|------------|
| | | 200V | 208V | 240V | 480V | 600V | | |
| 2 pole | | | | | | | 2 pole | |
| 400 | 630 | — | — | — | — | — | OETL-NF4002SW | \$ 1280 |
| 600 | 800 | — | — | — | — | — | OETL-NF600A2SW | 2000 |
| 800 | 1250 | — | — | — | — | — | OETL-NF800A2SW | 2600 |
| 3 pole | | | | | | | 3 pole | |
| 400 | 630 | 100 | 100 | 125 | 250 | 350 | OETL-NF400SW | 1420 |
| 600 | 800 | 150 | 150 | 200 | 400 | 500 | OETL-NF600ASW | 2200 |
| 800 | 1250 | 200 | 200 | 250 | 500 | 600 | OETL-NF800ASW | 4200 |
| 4 pole | | | | | | | 4 pole | |
| 400 | 630 | 100 | 100 | 125 | 250 | 350 | OETL-NF4004SW | 1800 |
| 600 | 800 | 150 | 150 | 200 | 400 | 500 | OETL-NF600A4SW | 2800 |
| — | 1250 | 200 | 200 | 250 | 500 | 600 | OETL-NF800A4SW | 5200 |

Pistol handles — for use with shafts $\square .47 \times .47"$ ($\square 12 \times 12 \text{ mm}$)

| UL/NEMA type | IEC type | Color | Length in/mm | Marking | Defeat-able | Padlock-able | Weight (lbs) | Catalog number | List price |
|--------------|----------|-------|--------------|--------------|-------------|--------------|--------------|----------------|------------|
| 1,3R,12 | IP65 | Blk | 4.9/125 | O/I & Off/On | Yes | Yes | 0.39 | OHB125J12 | \$ 90 |
| 1,3R,12 | IP65 | R/Y | 4.9/125 | O/I & Off/On | Yes | Yes | 0.39 | OHY125J12 | 90 |
| 1,3R,12 | IP65 | Blk | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | OHB145J12 | 90 |
| 1,3R,12 | IP65 | R/Y | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | OHY145J12 | 90 |
| 1,3R,12 | IP65 | Blk | 6.9/175 | O/I & Off/On | Yes | Yes | 0.41 | OHB175J12 | 100 |
| 1,3R,12 | IP65 | R/Y | 6.9/175 | O/I & Off/On | Yes | Yes | 0.41 | OHY175J12 | 100 |
| 1,3R,4,4X,12 | IP66 | Blk | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | OHB145L12 | 130 |
| 1,3R,4,4X,12 | IP66 | R/Y | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | OHY145L12 | 130 |
| 1,3R,4,4X,12 | IP66 | Blk | 6.9/175 | O/I & Off/On | Yes | Yes | 0.41 | OHB175L12 | 140 |
| 1,3R,4,4X,12 | IP66 | R/Y | 6.9/175 | O/I & Off/On | Yes | Yes | 0.41 | OHY175L12 | 140 |
| 1,3R,4,4X,12 | IP65 | Metal | 8.7/220 | Off/On | — | Yes | 1.50 | YASDA-8 | 190 |

Shafts — for use with pistol handles $\square .47 \times .47"$ ($\square 12 \times 12 \text{ mm}$)

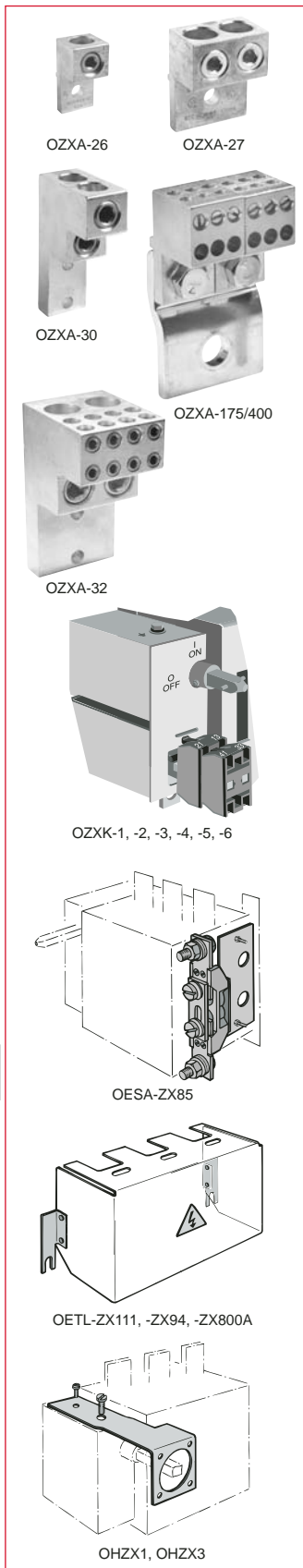
| Shaft length inches/mm | Mounting depth ^① in inches | Weight (lbs) | Catalog number | List price |
|------------------------|---------------------------------------|--------------|----------------|------------|
| 11.0/280 | 10.2 – 14.5 | 0.77 | OXP12X280 | \$ 36 |
| 12.8/325 | 12.0 – 16.3 | 0.90 | OXP12X325 | 40 |
| 15.6/395 | 14.8 – 19.1 | 1.10 | OXP12X395 | 44 |
| 18.3/465 | 17.5 – 21.9 | 1.32 | OXP12X465 | 48 |
| 21.1/535 | 20.3 – 24.6 | 1.54 | OXP12X535 | 52 |

Twisted shafts — Rotates handle 45° $\square .47 \times .47"$ ($\square 12 \times 12 \text{ mm}$)

| Shaft length inches/mm | Mounting depth ^① in inches | Weight (lbs) | Catalog number | List price |
|------------------------|---------------------------------------|--------------|----------------|------------|
| 11.0/280 | 10.2 – 14.5 | 0.77 | OXP12X280-45 | \$ 36 |
| 12.8/325 | 12.0 – 16.3 | 0.90 | OXP12X325-45 | 40 |
| 18.3/465 | 17.5 – 21.9 | 1.32 | OXP12X465-45 | 48 |

① Mounting depth is the distance from the outside of the door to the disconnect switch mounting plate. Shaft can be cut to desired length.

400A – 800A Accessories



Terminal lug kits

| For use on: | Wire size | Kit weight (lbs.) | Wire type | Terminal lugs per kit | Kit catalog number | List price |
|---------------------------|---------------------------|-------------------|-----------|-----------------------|--------------------|------------|
| OETL-NF400 | #2 – 600 kcmil | 3.50 | Cu/Al | 6 | OZXA-26 | \$ 190 |
| OETL-NF400 | #2 – 600 kcmil | 1.75 | Cu/Al | 3 | OZXA-26/3P | 95 |
| OETL-NF400 | (2) #2 – 500 kcmil | 4.62 | Cu/Al | 6 | OZXA-33 | 375 |
| OETL-NF600A | (2) #2 – 600 kcmil | 4.62 | Cu/Al | 6 | OZXA-27 | 380 |
| OETL-NF600A | (2) #2 – 600 kcmil | 2.31 | Cu/Al | 3 | OZXA-27/3P | 190 |
| OETL-NF800A | (2) #2 – 600 kcmil | 6.90 | Cu/Al | 6 | OZXA-30 | 740 |
| OETL-NF800A | (2) #2 – 600 kcmil | 3.45 | Cu/Al | 3 | OZXA-30/3P | 370 |
| OETL-NF800A ① | (8) 2/0 + (2)#2 600 kcmil | 6.90 | Cu/Al | 3 | OZXA-32 | 600 |
| OETL-NF400 – OETL-NF600 ① | (12) #14 – 6 | 1.10 | Cu/Al | 3 | OZXA-175/400 | 270 |

Auxiliary contacts ②

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number | List price |
|-----------------|-----------------------------|--------------|-----------------------|------------------|----------------|------------|
| 1 N.O. + 1 N.C. | OETL-NF400 – OETL-NF800A | 0.20 | 10 | 600 | OZXK-1 | \$ 100 |
| 2 N.O. + 2 N.C. | | 0.26 | 10 | 600 | OZXK-2 | 170 |
| 4 N.O. + 4 N.C. | | 0.40 | 10 | 600 | OZXK-3 | 340 |
| 2 N.O. | | 0.18 | 10 | 600 | OZXK-4 | 100 |
| 4 N.O. | | 0.25 | 10 | 600 | OZXK-5 | 170 |
| 8 N.O. | | 0.40 | 10 | 600 | OZXK-6 | 340 |

Terminal poles

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number | List price |
|---|-----------------------------|--------------|-----------------------|------------------|----------------|------------|
| Detachable neutral mounts on side of switch or DIN rail | OETL-NF400 – OETL-NF600A | 1.04 | 400 | 600 | OESA-ZX85 | \$ 150 |

Terminal shrouds

| Description | For use on: | Weight (lbs) | Catalog number | List price |
|---|-------------|--------------|----------------|------------|
| Includes one shroud for line or load side | OETL-NF400 | 0.62 | OETL-ZX111 | \$ 90 |
| | OETL-NF600A | 0.66 | OETL-ZX94 | 130 |
| | OETL-NF800A | 0.88 | OETL-ZX800A | 180 |

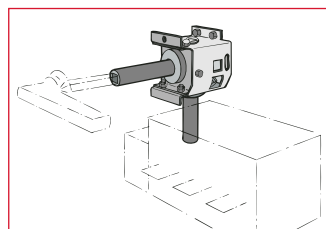
Handle support bracket

| Description | For use on: | Weight (lbs) | Catalog number | List price |
|--|----------------------------|--------------|----------------|------------|
| Allows handle to be directly mounted to switch behind the door | OETL-NF400 – OETL-NF600 | 0.51 | OHZX1 | \$ 24 |
| | OETL-NF800A | 0.88 | OHZX3 | 30 |

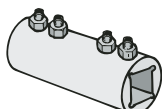
① A load side distribution lug eliminates the need to purchase, install and wire a separate distribution block.
② UL File E57057

400A – 800A Accessories

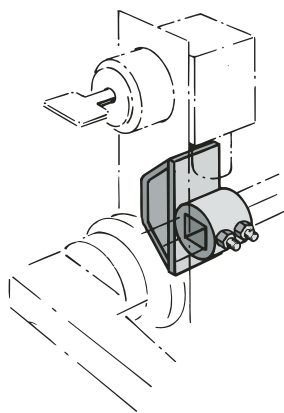
Disconnect
switches
Non-fusible



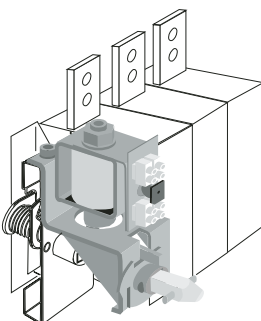
OETL-ZX108



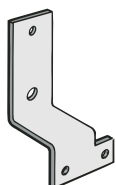
OETL-ZX95



OETL-ZW5



OETL-ZT80_



OETL-ZT100

90° angle kit

| Description | For use on: | Weight (lbs) | Catalog number | List price |
|--|--------------------------|--------------|----------------|------------|
| Converts switch mechanism from front operation to side operation | OETL-NF400 – OETL-NF800A | 4.63 | OETL-ZX108 | \$ 794 |

Shaft extension coupler

| Description | For use on: | Weight (lbs) | Catalog number | List price |
|--|-------------|--------------|----------------|------------|
| Joins two shafts together for applications where extended length is required | 12mm shafts | 0.26 | OETL-ZX95 | \$ 100 |

Locking accessories

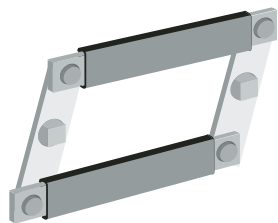
| Description | For use on: | Weight (lbs) | Catalog number | List price |
|--|--------------------------|--------------|------------------------------|--------------|
| Cam attachment for Kirk Key, Castell, Lowe & Fletcher and Ronis interlock. For adapting to the interlock system. The interlock is not included. | 12mm shafts | 0.29 | OETL-ZW5 | \$ 190 |
| Electrical interlock ① Closed circuit principle for interlocking the switch movement. When the coil circuit is dead, A-types cannot be operated to ON-position and L-types cannot be operated to ON- or OFF-position. Coil voltages 110VAC, 220VAC, 24VDC, 48VDC, 60 VDC, 110VDC, 220VDC, P = 15W U = 0.7 – 1.1 Un (U = coil voltage, Un = nominal voltage) | OETL-NF400 – OETL-NF800A | 2.42 | OETL-ZT 80A★ OETL-ZT 80L★ | 1280 1220 |
| Mounting bracket | OETL-NF400 – OETL-NF600 | 0.40 | OETL-ZT100 | 40 |



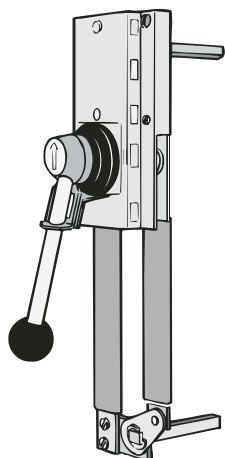
★ – Coil voltage

① OETL-ZT100 mounting bracket required for OETL-NF400 & OETL-NF600

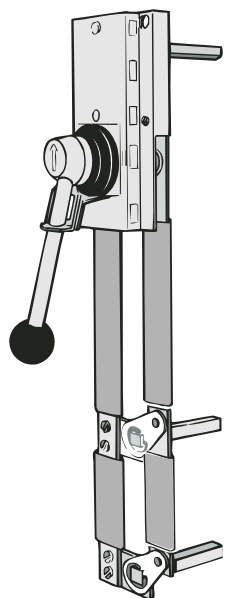
400A – 800A Accessories



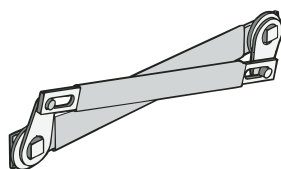
OETL-ZW9



OETL-ZW12



OETL-ZW13



OETL-ZW3, -ZW14, -ZW15

Conversion mechanisms

- Switches are not included

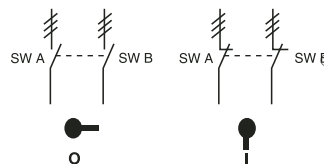
| Description | For use on: | Weight (lbs) | UL/NEMA type | Catalog number | List price |
|-----------------------------------|--------------|--------------|--------------|----------------|------------|
| 6 or 8 pole Transfer Bypass | OETL-NF400 – | 2.42 | — | OETL-ZW9 | \$ 260 |
| | | 10.1 | 1,3R,4,4X,12 | OETL-ZW12 | 560 |
| | | 8.81 | 1,3R,4,4X,12 | OETL-ZW13 | 560 |
| Mechanical interlock | OETL-NF800A | 1.26 | — | OETL-ZW3 | 140 |
| | | 1.15 | — | OETL-ZW14 | 140 |
| | | 2.64 | — | OETL-ZW15 | 160 |

6 or 8 pole — OETL-ZW9

6 (8) pole mechanism allows two switches controlled by one handle to open or close simultaneously.

Equipment required for a complete installation:

- One conversion mechanism
- Two disconnect switches (see page 17.27)
- One handle (see page 17.27)
- Two shafts (see page 17.27)



| | POS.O | POS.I |
|-------|-------|-------|
| SW. A | O | X |
| SW. B | O | X |

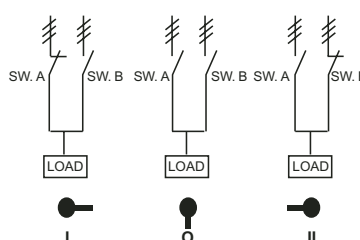
X = Closed
O = Open

Transfer — OETL-ZW12

Transfer mechanism manually transfers between two power sources using two switches and a center OFF position. A 3 position handle is included. YASDA-21 (UL Type 1, 3R, 4, 4X, 12). Shafts included.

Equipment required for a complete installation:

- One conversion mechanism
- Two disconnect switches (see page 17.27)



| | POS. I | POS.O | POS.II |
|-------|--------|-------|--------|
| SW. A | X | O | O |
| SW. B | O | O | X |

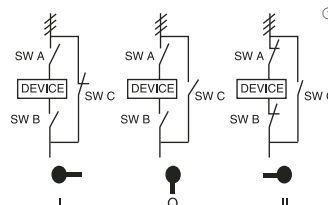
X = Closed
O = Open

Bypass — OETL-ZW13

Bypass mechanism operates three switches: Two switches in series and one changeover switch to allow power bypass. A 3 position handle is included. YASDA-6 (UL Type 1, 3R, 4, 4X, 12). Shafts included.

Equipment required for a complete installation:

- One conversion mechanism
- Three disconnect switches (see page 17.27)



| | POS. I | POS.O | POS.II |
|-------|--------|-------|--------|
| SW. A | O | O | X |
| SW. B | O | O | X |
| SW. C | X | O | O |

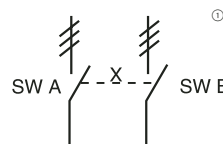
X = Closed
O = Open

Mechanical interlock — OETL-ZW3, OETL-ZW14, OETL-ZW15

Mechanical interlock mechanism prevents both switches from being in the ON position at the same time.

Equipment required for a complete installation:

- One conversion mechanism
- Two disconnect switches (see page 17.27)
- Two shafts (see page 17.27)
- Two handles (see page 17.27)



| | SW. A POS. I | SW. B POS. I |
|-------|-----------------|-----------------|
| SW. A | X | O |
| SW. B | O | X |

X = Closed
O = Open

Drawing and mounting information found on pg 17.68 & 17.71

① ≡ = Three poles

1200A – 3150A

Disconnect
switches
Non-fusible

For a complete assembly
please select one of each:

- 1 switch
- 1 handle
- 1 shaft
- 1 terminal lug kit



OETL-NF1200ASW



OXP12X280



OHB175J12



OZXA-28



OETL-NF1600SW
OETL-NF2000SW
OETL-NF3150SW



OHB_J12



OHY_J12



YASDA-8



OXP12X_

1200 – 3150 Amp switches, 600V

| UL general purpose amp rating | IEC AC21 amp rating | Maximum horsepower rating | Catalog number | List price | |
|-------------------------------|---------------------|--|---------------------------------|----------------|--|
| 2 pole | | | | | |
| 1200 | 1600 | The US National Electric Code does not specify HP ratings for switches this large. Please select a switch based on 115% of application FLA. For example: a motor with an FLA of 800A would require a 1200A switch: 800A x 115% = 920A, the closest higher rated switch is 1200A. | 2 pole OETL-NF12002SW | \$ 6200 | |
| 1600 | 2500 | | OETL-NF16002SW | 14,800 | |
| 2000 | 2500 | | OETL-NF20002SW | 15,500 | |
| — | 3150 | | OETL-NF31502SW | 17,000 | |
| 3 pole | | | | | |
| 1200 | 1600 | | OETL-NF1200SW | 6800 | |
| 1600 | 2500 | | OETL-NF1600SW | 16,400 | |
| 2000 | 2500 | | OETL-NF2000SW | 17,200 | |
| — | 3150 | | OETL-NF3150SW | 18,900 | |
| 4 pole | | | | | |
| — | 1600 | | OETL-NF12004SW | 8600 | |
| — | 2500 | | OETL-NF16004SW | 20,500 | |
| — | 2500 | OETL-NF20004SW | 21,500 | | |
| — | 3150 | OETL-NF31504SW | 23,600 | | |

Pistol handles — for use with shaft □ .47 x .47" (□ 12 x 12mm)

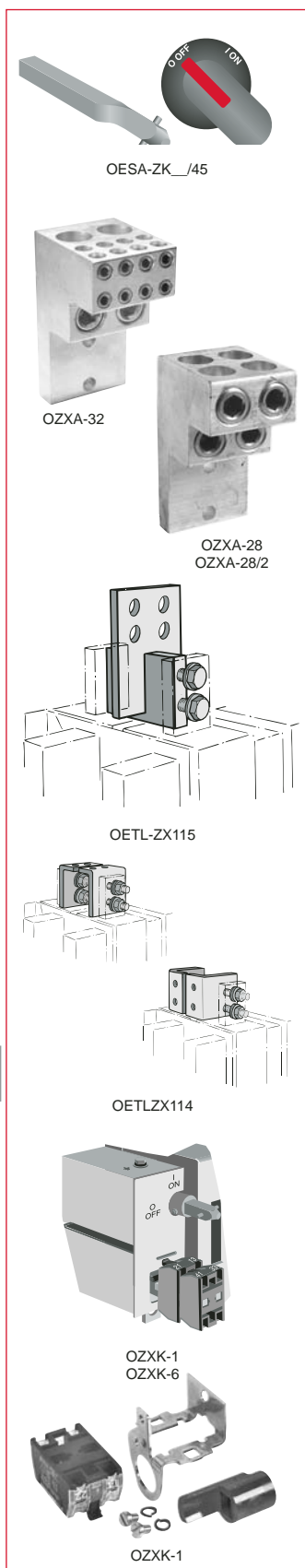
| UL/NEMA type | IEC type | Color | Length mm | Marking | Defeat-able | Padlock-able | Weight (lbs) | Catalog number | List price |
|---|----------|---------|-----------|--------------|-------------|--------------|--------------|----------------|--------------|
| For use with OETL-NF1200 | | | | | | | | | |
| 1,3R,12 | IP65 | Black | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | OHB145J12 | \$ 90 |
| 1,3R,12 | IP65 | Red/Yel | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | OHY145J12 | 90 |
| 1,3R,12 | IP65 | Black | 6.9/175 | O/I & Off/On | Yes | Yes | 0.41 | OHB175J12 | 100 |
| 1,3R,12 | IP65 | Red/Yel | 6.9/175 | O/I & Off/On | Yes | Yes | 0.41 | OHY175J12 | 100 |
| 1,3R,4,4X,12 | IP66 | Black | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | OHB145L12 | 130 |
| 1,3R,4,4X,12 | IP66 | Red/Yel | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | OHY145L12 | 130 |
| 1,3R,4,4X,12 | IP66 | Black | 6.9/175 | O/I & Off/On | Yes | Yes | 0.41 | OHB175L12 | 140 |
| 1,3R,4,4X,12 | IP65 | Red/Yel | 6.9/175 | O/I & Off/On | Yes | Yes | 0.41 | OHY175L12 | 140 |
| 1,3R,4,4X,12 | IP65 | Metal | 8.7/220 | Off/On | — | Yes | 1.50 | YASDA-8 | 190 |
| For use with OETL-NF1600 – OETL-NF3150 | | | | | | | | | |
| 1,3R,4,4X,12 | IP65 | Metal | 8.7/220 | Off/On | — | Yes | 1.50 | YASDA-8 | 190 |

Shafts — for use with pistol handles □ .47 x .47" (□ 12 x 12 mm)


| Shaft length inches/mm | Mounting depth [Ⓢ] in inches | Weight (lbs) | Catalog number | List price |
|---|---------------------------------------|--------------|----------------|--------------|
| For use with OETL-NF1200 | | | | |
| 11.0/280 | 11.6 – 15.3 | 0.77 | OXP12X280 | \$ 36 |
| 12.8/325 | 13.7 – 17.1 | 0.90 | OXP12X325 | 40 |
| 15.6/397 | 16.2 – 19.9 | 1.10 | OXP12X395 | 44 |
| 18.3/465 | 18.9 – 22.6 | 1.32 | OXP12X465 | 48 |
| 21.1/535 | 21.7 – 25.4 | 1.54 | OXP12X535 | 52 |
| For use with OETL-NF1600 – OETL-NF3150 | | | | |
| 12.8/325 | 13.7 – 17.1 | 0.90 | OXP12X325 | 40 |
| 15.6/397 | 16.2 – 19.9 | 1.10 | OXP12X395 | 44 |
| 18.3/465 | 18.9 – 22.6 | 1.32 | OXP12X465 | 48 |
| 21.1/535 | 21.7 – 25.4 | 1.54 | OXP12X535 | 52 |

Ⓢ Mounting depth is the distance from the outside of the door to the disconnect switch mounting plate. Shaft can be cut to desired length.

1200A – 3150A Accessories



Twisted shafts – Rotates handle 45° □ .47 x .47" (□ 12 x 12 mm)

| Shaft length inches/mm |  Mounting depth ① inches | Weight (lbs) | Catalog number | List price |
|---------------------------|--|-----------------|-------------------|---------------|
| 11.0/280 | 11.6 – 15.3 | 0.77 | EXP12X280-45 | \$ 36 |
| 12.8/325 | 13.7 – 17.1 | 0.90 | EXP12X325-45 | 40 |
| 18.3/465 | 18.9 – 22.6 | 1.32 | EXP12X465-45 | 48 |

For use with OETL-NF1200

For use with OETL-NF1600 – OETL-NF3150

| | | | | |
|----------|-------------|------|--------------|----|
| 12.8/325 | 16.2 – 19.9 | 0.90 | EXP12X325-45 | 40 |
| 18.3/465 | 18.9 – 22.6 | 1.32 | EXP12X465-45 | 48 |

Terminal lug kits

| For use on: | Wire size | Kit weight (lbs.) | Wire type | Terminal lugs per kit | Kit catalog number | List price |
|-----------------------------|---------------------------|----------------------|--------------|--------------------------|-----------------------|---------------|
| OETL-NF1200 & OETL-NF1600 | (4) #2 – 600 kcmil | 10.44 | Cu/Al | 6 | OZXA-28 | \$ 1000 |
| OETL-NF1200 & OETL-NF1600 | (4) #2 – 600 kcmil | 5.22 | Cu/Al | 3 | OZXA-28/3P | 500 |
| OETL-NF1200 & OETL-NF1600 ② | (8) 2/0 + (2) #2 600kcmil | 10.44 | Cu/Al | 3 | OZXA-32 | 600 |
| OETL-NF2000 & OETL-NF3150 | (8) #2 – 600kcmil | 20.88 | Cu/Al | 12 | OZXA-28/2 | 2000 |

OZXA-32 Power distribution lugs eliminate the need to purchase a separate distribution block

Busbar connections

| Description | For use on: | Weight (lbs) | Catalog number | List price |
|--|------------------------------|-----------------|--------------------------|-----------------|
| Vertical ③, back or edgewise mounting | OETL-NF1600 – OETL-NF3150 | 46.2 31.0 | OETL-ZX115 OETL-ZX114 | \$ 3920 2820 |

Auxiliary contacts ④

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number | List price |
|-----------------|-------------------------------|-----------------|--------------------------|---------------------|-------------------|---------------|
| 1 N.O. + 1 N.C. | OETL-NF1200 – OETL-NF31500 | 0.20 | 10 | 600 | OZ XK-1 | \$ 100 |
| 2 N.O. + 2 N.C. | | 0.26 | 10 | 600 | OZ XK-2 | 170 |
| 4 N.O. + 4 N.C. | | 0.40 | 10 | 600 | OZ XK-3 | 340 |
| 2 N.O. | | .18 | 10 | 600 | OZ XK-4 | 100 |
| 4 N.O. | | 0.25 | 10 | 600 | OZ XK-5 | 170 |
| 8 N.O. | | 0.40 | 10 | 600 | OZ XK-6 | 340 |

Terminal shrouds

| Description | For use on: | Weight (lbs) | Catalog number | List price |
|--|-------------|-----------------|-------------------|---------------|
| Includes one shroud for line or load side | OETL-NF1200 | 1.20 | OETL-ZX119 | \$ 220 |

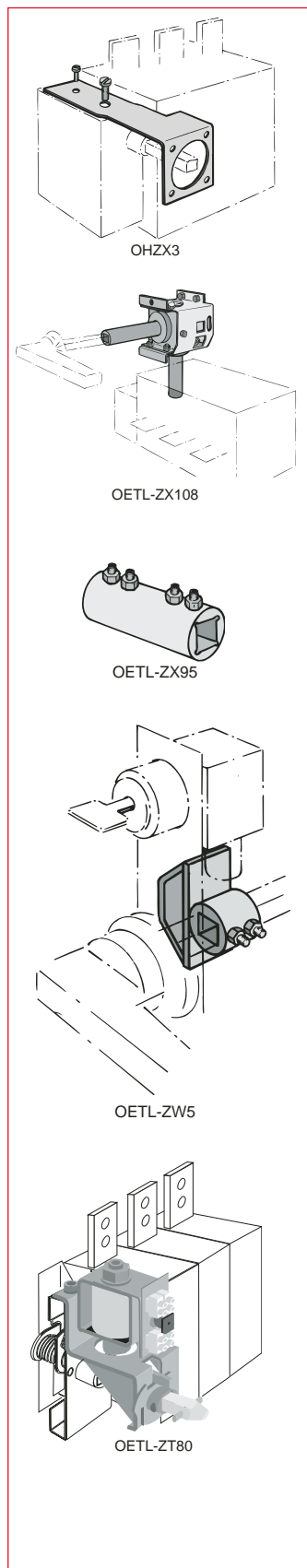
① Mounting depth is the distance from the outside of the door to the disconnect switch mounting plate. Shaft can be cut to desired length.

② A load side distribution lug eliminates the need to purchase, install and wire a separate distribution block.

③ Provided as standard with OETL-NF1600, OETL-NF2000 and OETL-NF3150.

1200A – 3150A Accessories

Disconnect
switches
Non-fusible



Handle support bracket

| Description | For use on: | Weight (lbs) | Catalog number | List price |
|--|---------------------------|--------------|----------------|------------|
| Allows handle to be directly mounted to switch behind the door | OETL-NF1200 – OETL-NF3150 | 0.88 | OHZX3 | \$ 30 |

90° angle kit

| Description | For use on: | Weight (lbs) | Catalog number | List price |
|--|---------------------------|--------------|----------------|------------|
| Converts switch mechanism from front operation to side operation | OETL-NF1200 – OETL-NF3150 | 4.63 | OETL-ZX108 | \$ 794 |

Shaft extension coupler

| Description | For use on: | Weight (lbs) | Catalog number | List price |
|--|-------------|--------------|----------------|------------|
| Joins two shafts together for applications where extended length is required | 12mm shafts | 0.26 | OETL-ZX95 | \$ 100 |

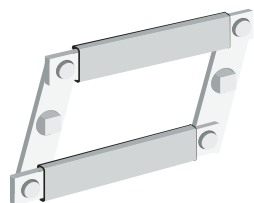
Locking accessories

| Description | For use on: | Weight (lbs) | Catalog number | List price |
|--|----------------------------|--------------|------------------------------|--------------|
| Cam attachment for Kirk Key, Castell, Lowe & Fletcher and Ronis interlock. For adapting to the interlock system. The interlock is not included. | 12mm shafts | 0.29 | OETL-ZW5 | \$ 190 |
| Electrical interlock Closed circuit principle for interlocking the switch movement. When the coil circuit is dead, A-types cannot be operated to ON-position and L-types cannot be operated to ON- or OFF-position. Coil voltages 110VAC, 220VAC, 24VDC, 48VDC, 60 VDC, 110VDC, 220VDC, P = 15W $U = 0.7 - 1.1 U_n$ (U = coil voltage, U_n = nominal voltage) | OETL-NF1200 OETL-NF3150 | -2.42 | OETL-ZT80A/★ OETL-ZT80L/★ | 1280 1220 |

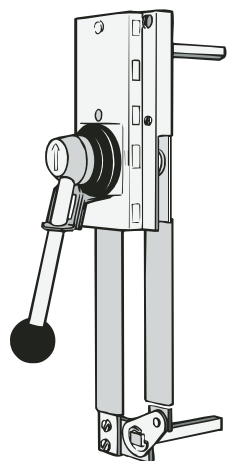


★ = Coil voltage

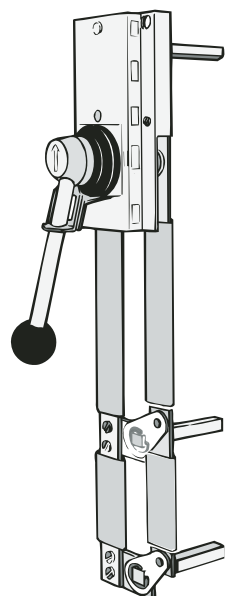
1200A – 3150A Accessories



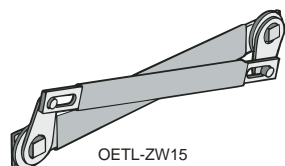
OETL-ZW9



OETL-ZW12



OETL-ZW13



OETL-ZW15

Conversion mechanisms

- Switches are not included

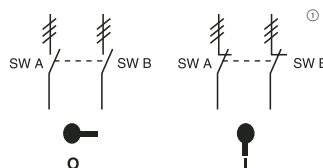
| Description | For use on: | Weight (lbs) | UL/NEMA type | Catalog number | List price |
|-----------------------------|---------------------------|--------------|--------------|----------------|------------|
| 6 or 8 pole Transfer Bypass | OETL-NF1200 | 2.42 | — | OETL-ZW9 | \$ 260 |
| | | 10.1 | 1,3R,4,4X,12 | OETL-ZW12 | 560 |
| | | 8.81 | 1,3R,4,4X,12 | OETL-ZW13 | 560 |
| Mechanical interlock | OETL-NF1200 – OETL-NF3150 | 2.64 | — | OETL-ZW15 | 160 |

6 or 8 pole — OETL-ZW9

6 (8) pole mechanism allows two switches controlled by one handle to open or close simultaneously.

Equipment required for a complete installation:

- One conversion mechanism.
- Two disconnect switches (see page 17.31)
- One handle (see page 17.31)
- Two shafts (see page 17.31)



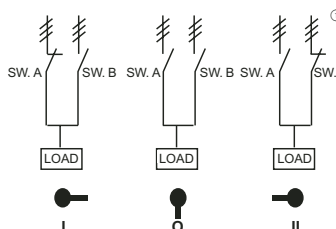
| | POS. O | POS. I |
|-------|--------|--------|
| SW. A | O | X |
| SW. B | O | X |

X = Closed
O = Open

Transfer — OETL-ZW12

Transfer mechanism manually transfers between two power sources using two switches and a center OFF position. A 3 position handle is included. YASDA-21 (Type 1, 3R, 4, 4X, 12). Shafts included. Equipment required for a complete installation:

- One conversion mechanism
- Two disconnect switches (see page 17.31)



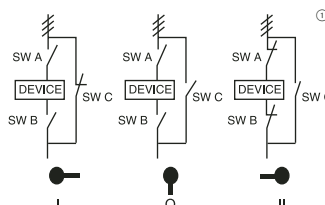
| | POS. I | POS. O | POS. II |
|-------|--------|--------|---------|
| SW. A | X | O | O |
| SW. B | O | O | X |

X = Closed
O = Open

Bypass — OETL-ZW13

Bypass mechanism operates three switches: Two switches in series and one changeover switch to allow power bypass. A 3 position handle is included. YASDA-6 (Type 1, 3R, 4, 4X, 12). Shafts included. Equipment required for a complete installation:

- One conversion mechanism
- Three disconnect switches (see page 17.31)



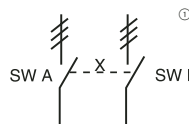
| | POS. I | POS. O | POS. II |
|-------|--------|--------|---------|
| SW. A | O | O | X |
| SW. B | O | O | X |
| SW. C | X | O | O |

X = Closed
O = Open

Mechanical interlock — OETL-ZW15

Mechanical interlock mechanism prevents both switches from being in the "ON" position at the same time. Handles are not included.

- Equipment required for a complete installation:
- One conversion mechanism
 - Two disconnect switches (see page 17.31)
 - Two shafts (see page 17.31)
 - Two handles (see page 17.31)



| | SW. A POS. I | SW. B POS. I |
|-------|-----------------|-----------------|
| SW. A | X | O |
| SW. B | O | X |

X = Closed
O = Open

Drawing and mounting information found on pg 17.68 & 17.71

① ≡ Three poles

Other configurations

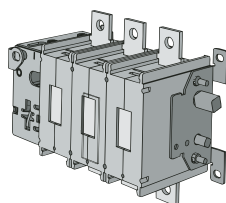
Side operated

30A – 800A^{①②}

Disconnect switches
Non-fusible

For a complete assembly, please select one of each:

- 1 switch
- 1 handle
- 1 shaft
- 1 terminal lug kit



OETL-NF200A-S



OXP8X240



OHB80J8TE00S

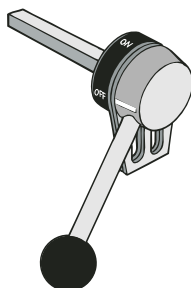
OETL-NF200A-S + OXP8X240 + OHB80J8TE00S



OSNF30-S



OHY__J_



OETL-ZX74



OXP5X170
OXP8X240
OXP12X325



OZXA-24



OZXA-25



OZXA-26



OZXA-27

Side operated switches — 3 pole

| UL general purpose amp rating | IEC AC21 amp rating | Maximum horsepower rating | | | | | Weight (lbs) | Catalog number | List Price |
|-------------------------------|---------------------|---------------------------|------|------|------|------|--------------|----------------|---------------|
| | | Three phase | | | | | | | |
| | | 200V | 208V | 240V | 480V | 600V | | | |
| 30 | 32 | 5 | 7.5 | 7.5 | 15 | 20 | 1.90 | OSNF30-S | \$ 380 |
| 60 | 63 | 15 | 15 | 15 | 30 | 50 | 3.90 | OSNF60-S | 560 |
| 100 | 125 | 25 | 25 | 30 | 60 | 75 | 4.50 | OSNF100-S | 660 |
| 200 | 250 | 60 | 60 | 75 | 150 | 200 | 6.61 | OETL-NF200A-S | 780 |
| 400 | 630 | 100 | 100 | 125 | 250 | 350 | 13.66 | OETL-NF400-S | 1500 |
| 600 | 800 | 150 | 150 | 200 | 400 | 500 | 13.66 | OETL-NF600A-S | 2400 |

Handles

| UL/NEMA type | Color | Length inches/mm | Marking | Defeat-able | Padlock-able | Weight (lbs) | Catalog number | List price |
|---|---------|------------------|--------------|-------------|--------------|--------------|----------------|--------------|
| For use with OSNF30-S | | | | | | | | |
| 1, 12, 3R | Black | 2.65/65 | O/I & Off/On | Yes | Yes | 0.29 | OHB65J5 | \$ 80 |
| 1, 12, 3R | Red/Yel | 2.65/65 | O/I & Off/On | Yes | Yes | 0.29 | OHY65J5 | |
| For use with OSNF60-S — OSNF100-S | | | | | | | | |
| 1, 12, 3R | Black | 3.1/80 | O/I & Off/On | Yes | Yes | 0.30 | OHB80J6 | 80 |
| 1, 12, 3R | Red/Yel | 3.1/80 | O/I & Off/On | Yes | Yes | 0.30 | OHY80J6 | |
| For use with OETL-NF200A-S | | | | | | | | |
| 1, 12, 3R | Black | 3.1/80 | O/I & Off/On | Yes | Yes | 0.30 | OHB80J8 | 80 |
| 1, 12, 3R | Red/Yel | 3.1/80 | O/I & Off/On | Yes | Yes | 0.30 | OHY80J8 | |
| For use with OETL-400DM1 — OETL-NF600A-S | | | | | | | | |
| 1, 12, 3R | Black | 4.9/145 | O/I & Off/On | Yes | Yes | 0.39 | OHB145J12 | 80 |
| 1, 12, 3R | Red/Yel | 4.9/145 | O/I & Off/On | Yes | Yes | 0.39 | OHY145J12 | 80 |
| 1, 12, 3R | Metal | 4.9/145 | Off/On | Yes | Yes | 1.50 | OETL-ZX74 | 190 |

Shafts

| For use with: | Length inches/mm | Description | Weight (lbs) | Catalog number | List price |
|------------------------------|------------------|------------------------|--------------|----------------|--------------|
| OSNF30-S | 6.7/170 | .20 x .20" (5 x 5mm) | 0.08 | OXP5X170 | \$ 16 |
| OSNF60-S — OSNF100-S | 8.3/210 | .24 x .24" (6 x 6mm) | 0.10 | OXP6X210 | 16 |
| OETL-NF175-S — OETL-NF200A-S | 9.5/240 | .31 x .31" (8 x 8mm) | 0.26 | OXP8X240 | 24 |
| OETL-NF400-S — OETL-NF600A-S | 12.8/325 | .47 X .47" (12 X 12mm) | 0.90 | OXP12X325 | 40 |

Terminal lug kits

| For use on: | Wire size | Weight | Wire type | Lugs per kit | Catalog number | List price |
|---------------|--------------------|--------|-----------|--------------|----------------|--------------|
| OSNF30-S | #18 – 8 | — | Cu | — | Integral | — |
| OSNF60-S | #14 – 4 | — | Cu | — | Integral | — |
| OSNF100-S | #14 – 2/0 | 0.43 | Cu/Al | 6 | OZXA-24 | \$ 24 |
| OETL-NF200A-S | #6 – 300 kcmil | 0.93 | Cu/Al | 6 | OZXA-25 | 80 |
| OETL-NF400-S | #2 – 600 kcmil | 3.520 | Cu/Al | 6 | OZXA-26 | 190 |
| OETL-NF600A-S | (2) #2 – 600 kcmil | 4.62 | Cu/Al | 6 | OZXA-27 | 380 |

① Side operated switches available through 800A as IEC rated.
② Please consult factory for additional information.

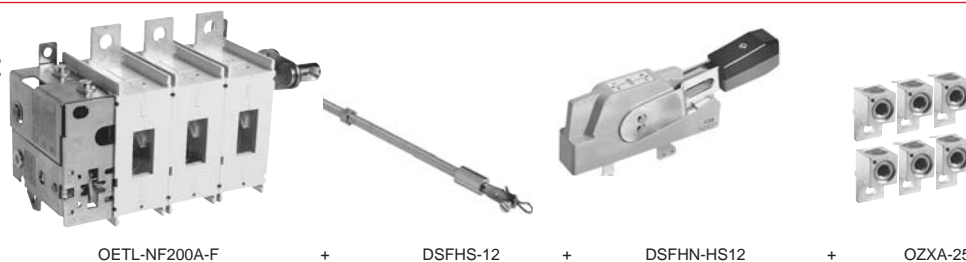
Disconnect
switches
Non-fusible

Other configurations

Flange operated 30A – 200A

For a complete assembly,
please select one of each:

- 1 switch
- 1 handle
- 1 shaft
- 1 terminal lug kit



OETL-NF200A-F + DSFHS-12 + DSFHN-HS12 + OZXA-25

Flange operated switches – 3 pole

| UL general purpose amp rating | IEC AC21 amp rating | Maximum horsepower rating | | | | | Weight (lbs) | Catalog number | List price |
|-------------------------------|---------------------|---------------------------|------|------|------|------|---------------|----------------|------------|
| | | Three phase | | | | | | | |
| | | 200V | 208V | 240V | 480V | 600V | | | |
| 30 | 40 | 10 | 10 | 10 | 20 | 30 | OT30E3-F | \$ 500 | |
| 60 | 63 | 20 | 20 | 20 | 40 | 40 | OT60E3-F | 590 | |
| 100 | 115 | 25 | 25 | 25 | 50 | 40 | OT100E3-F | 690 | |
| 200 | 250 | 60 | 60 | 75 | 150 | 200 | OETL-NF200A-F | 890 | |

Handles

| UL/NEMA type | Color | Length inches/mm | Marking | Defeat-able | Padlock-able | Weight (lbs) | Catalog number | List price |
|--------------|-------|------------------|--------------|-------------|--------------|--------------|----------------|------------|
| 1, 3R, 12 | Metal | 6.9/175 | O/I & OFF/ON | Yes | Yes | 3.52 | DSFHN-HS12 | \$ 156 |
| 4, 4X | Metal | 6.9/175 | O/I & OFF/ON | Yes | Yes | 3.52 | DSFHN-HS4 | 240 |

Shafts

| For use on | Shaft length (inches) | Maximum enclosure depth (inches) | Weight (lbs) | Catalog number | List price |
|-------------------|-----------------------|----------------------------------|--------------|----------------|------------|
| OT30, 60, 100E3-F | — | 16.00 | .20 | OTFS-16 | \$ 25 |
| | — | 24.0 | 0.25 | OTFS-24 | 30 |
| OETL-NF200A-F | 12 | 16.0 | 0.39 | DSFHS-12 | 28 |
| | 17 | 21.0 | 0.55 | DSFHS-17 | 40 |
| | 22.5 | 27.0 | 0.73 | DSFHS-22 | 52 |

Terminal lug kits

| For use on: | Wire size | Kit weight (lbs) | Wire type | Terminal lugs per kit | Catalog number | List price |
|-----------------------------------|-----------------------------------|------------------|-----------|-----------------------|----------------|------------|
| OT30E3-F OT60E3-F OT100E3-F | #14 – #4 #14 – #4 #14 – 2/0 | — | Cu | — | Standard | — |
| OETL-NF200A-F | #6 – 300 kcmil | 0.93 | Cu/Al | 6 | OZXA-25 | \$ 80 |
| | #6-300 kcmil | 0.47 | Cu/Al | 3 | OZXA-25/P | 40 |
| | (6) #14-6 | 0.55 | Cu/Al | 3 | OZXA-175 | 180 |

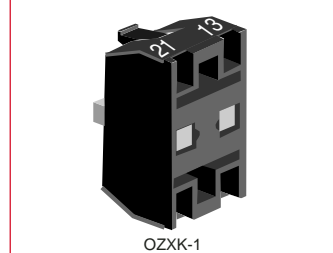
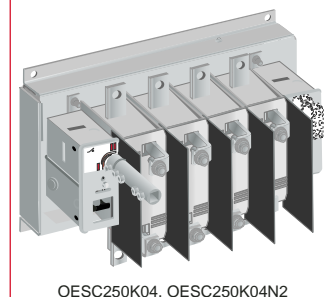
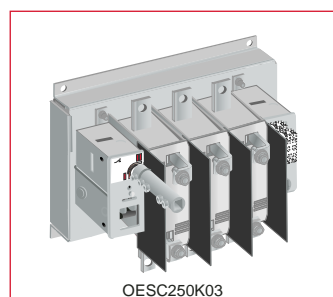
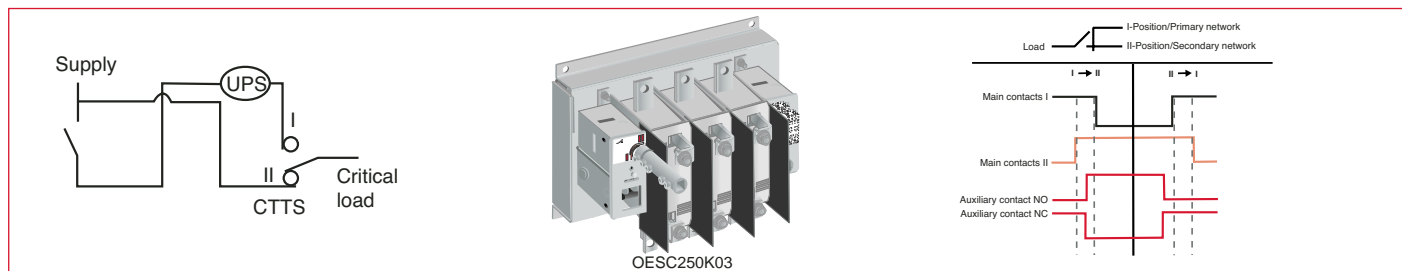
Door hardware kits – NEMA 12

| Description | Weight (lbs) | Catalog number | List price |
|---|--------------|----------------|------------|
| Safety door latch, 2 point, doors less than 40" high | 2.0 | KDH2R | \$ 200 |
| Safety door latch, 3 point, doors greater than 40" high | 2.5 | KDH3R | 225 |

UL Listed
CSA Approved
IEC Rated
CE Marked

Maintenance bypass switches for UPS 250A – 500A

Disconnect
switches
Non-fusible



Description

The OESC range is a "make before break" or Closed Transition Transfer Switch type that guarantees a transfer from the static switch to the power line as manual bypass switch and back again without any interruption. This ensures equipment is powered, even when maintenance work is carried out. The OESC switches are available with double rated neutral to withstand the thermal overload from the harmonics normally produced by the UPS and added up in the neutral conductor. The range is UL508 recognized.

General character and use

OESC switches are open type and manually operated. They are intended for use as maintenance switches in UPS applications. The unit is inded to switch between normal and maintenance positions, with an over lapping time (closed transition) of a minimum of 8 msec.

Bypass switches — 3-pole, I-II indication

| UL general purpose amp rating | IEC AC22 amp rating | Voltage AC | Isc rms ① | Weight lbs | Catalog number | List price |
|-------------------------------|---------------------|------------|-----------|------------|----------------|-----------------|
| 250 | 250 | 480 | 50 | 26.5 | OESC250K03 | Consult factory |
| 500 | 500 | 480 | 50 | 26.5 | OESC500K03 | |

The switch includes a black handle OHB175J12E16, a shaft OXP12X325 and bolt set for the cable connections.

Bypass switches — 4-pole, I-II indication

| UL general purpose amp rating | IEC AC22 amp rating | Voltage AC | Isc rms ① | Weight lbs | Catalog number | List price |
|-------------------------------|---------------------|------------|-----------|------------|----------------|-----------------|
| 250 | 250 | 480 | 50 | 32.2 | OESC250K04 | Consult factory |
| 500 | 500 | 480 | 50 | 32.2 | OESC500K04 | |

The switch includes a black handle OHB175J12E16, a shaft OXP12X325 and bolt set for the cable connections.

Bypass switches — 4-pole, with double rated neutral, I-II indication

| UL general purpose amp rating | IEC AC22 amp rating | Voltage AC | Isc rms ① | Weight lbs | Catalog number | List price |
|-------------------------------|---------------------|------------|-----------|------------|----------------|-----------------|
| 250 | 250 | 480 | 50 | 33.5 | OESC250K04N2 | Consult factory |
| 400 | 400 | 480 | 50 | 33.5 | OESC400K04N2 | |

The switch includes a black handle OHB175J12E16, a shaft OXP12X325 and bolt set for the cable connections.

Auxiliary contacts — Early break, late make ②

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number | List price |
|-----------------|-----------------------------|--------------|-----------------------|------------------|----------------|------------|
| 1 N.O. + 1 N.C. | OETL-NF400 – OETL-NF800A | 0.20 | 10 | 600 | OZ XK-1 | \$ 100 |
| 2 N.O. + 2 N.C. | | 0.26 | 10 | 600 | OZ XK-2 | 170 |
| 4 N.O. + 4 N.C. | | 0.40 | 10 | 600 | OZ XK-3 | 340 |
| 2 N.O. | | 0.18 | 10 | 600 | OZ XK-4 | 100 |
| 4 N.O. | | 0.25 | 10 | 600 | OZ XK-5 | 170 |
| 8 N.O. | | 0.40 | 10 | 600 | OZ XK-6 | 340 |

The auxiliary contacts are of the early break type which means that the NO auxiliary contacts break before the main contacts open.

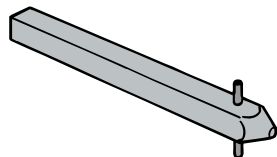
① Isc rms 50kA, 480VAC with 600A Class J fuses (600 VAC / 200kA)
② UL File E57057

Disconnect
switches
Non-fusible

Maintenance bypass switches for UPS 250A – 500A



OESC250K04N2



OXP12X280

External handles — I-II indication

| UL general purpose amp rating | IEC AC22 amp rating | Voltage AC | Isc rms ① kA | Weight lbs | Catalog number | List price |
|-------------------------------|---------------------|------------|--------------|------------|----------------|------------------------|
| 250 | 250 | 480 | 50 | 33.5 | OESC250K04N2 | Consult factory |
| 400 | 400 | 480 | 50 | 33.5 | OESC400K04N2 | |

The handles are equipped with door interlock in II-position; when padlocked, the door interlock is in the I-position. Padlockings with 3 padlocks, bail diameter from 5 - 10mm.

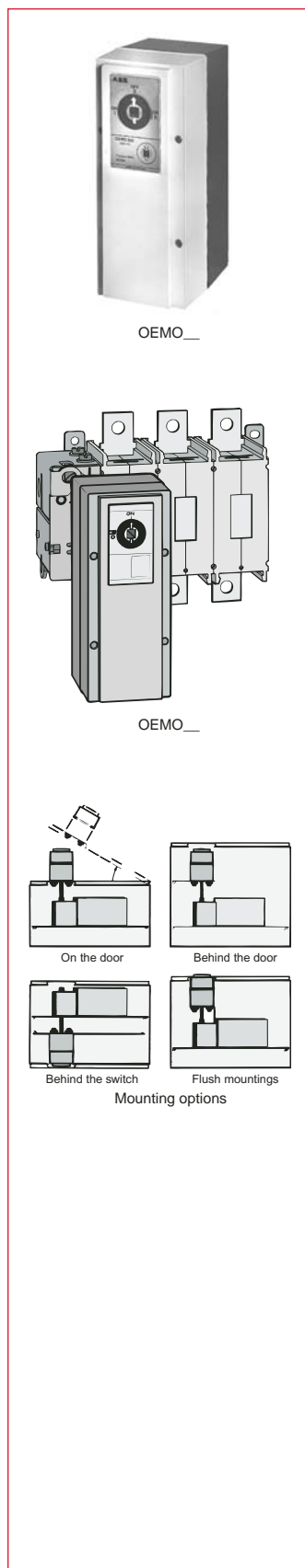
Shafts — for use with pistol handles □ .47 x .47" (□ 12 x 12 mm)

| Shaft length inches/mm | Mounting depth ① in inches | Weight (lbs) | Catalog number | List price |
|------------------------|----------------------------|--------------|----------------|--------------|
| 11.0/280 | 10.2 – 14.5 | 0.77 | OXP12X280 | \$ 36 |
| 12.8/325 | 12.0 – 16.3 | 0.90 | OXP12X325 | 40 |
| 15.6/395 | 14.8 – 19.1 | 1.10 | OXP12X395 | 44 |
| 18.3/465 | 17.5 – 21.9 | 1.32 | OXP12X465 | 48 |
| 21.1/535 | 20.3 – 24.6 | 1.54 | OXP12X535 | 52 |

Other configurations

Motor operators^① for 200A – 3150A

Disconnect
switches
Non-fusible



Motor operators^① — Function I/O (On/Off)

| For use on: | Voltage | Weight (lbs.) | Catalog number | List price |
|---------------------------|--|---------------|--|----------------|
| OETL-NF200 | 24 VDC/AC 48 VDC/AC 110 VAC 220 VAC 220 VDC 240 VAC | 14.0 | OEMO001/24VDCAC OEMO001/48VDCAC OEMO001/110VAC OEMO001/220VAC OEMO001/220VDC OEMO001/240VAC | \$ 5924 |
| OETL-NF400 – OETL-NF600 | 24 VDC/AC 48 VDC/AC 110 VAC 220 VAC 220 VDC 230 VAC 240 VAC | 14.0 | OEMO002/24VDCAC OEMO002/48VDCAC OEMO002/110VAC OEMO002/220VAC OEMO002/220VDC OEMO002/230VAC OEMO002/240VAC | 6514 |
| OETL-NF800 – OETL-NF1200 | 24 VDC/AC 48 VDC/AC 110 VAC 110 VDC 220 VAC 220 VDC 230 VAC 240 VAC | 14.0 | OEMO003/24VDCAC OEMO003/48VDCAC OEMO003/110VAC OEMO003/110VDC OEMO003/220VAC OEMO003/220VDC OEMO003/230VAC OEMO003/240VAC | 7644 |
| OETL-NF1600 – OETL-NF3150 | 24 VDC/AC 48 VDC/AC 110 VAC 220 VAC 220 VDC 230 VAC 240 VAC | 14.0 | OEMO004/24VDCAC OEMO004/48VDCAC OEMO004/110VAC OEMO004/220VAC OEMO004/220VDC OEMO004/230VAC OEMO004/240VAC | 9180 |

Motor operators^① — Function I/O/II (I-OFF-II)

| For use on: | Voltage | Weight (lbs.) | Catalog number | List price |
|--------------------------|--|---------------|--|----------------|
| OETL-NF200 | 24 VDC/AC 48 VDC/AC 110 VAC 220 VAC 220 VDC 240 VAC | 14.0 | OEMO101/24VDCAC OEMO101/48VDCAC OEMO101/110VAC OEMO101/220VAC OEMO101/220VDC OEMO101/240VAC | \$ 6474 |
| OETL-NF400 – OETL-NF600 | 24 VDC/AC 48 VDC/AC 110 VAC 220 VAC 220 VDC 240 VAC | 14.0 | OEMO202/24VDCAC OEMO202/48VDCAC OEMO202/110VAC OEMO202/220VAC OEMO202/220VDC OEMO202/240VAC | 7644 |
| OETL-NF800 – OETL-NF1200 | 24 VDC/AC 48 VDC/AC 110 VAC 220 VAC 220 VDC 240 VAC | 14.0 | OEMO303/24VDCAC OEMO303/48VDCAC OEMO303/110VAC OEMO303/220VAC OEMO303/240VAC | 9490 |

Mounting kit for OEMO motor operator

| For use on: | Package (lbs.) | Catalog number | List price |
|--------------------------|----------------|----------------|---------------|
| OETL-NF200 – OETL-NF600 | 1 | OEMOZX1 | \$ 400 |
| OETL-NF800 – OETL-NF1200 | 1 | OEMOZX2 | |

① IEC rated only.