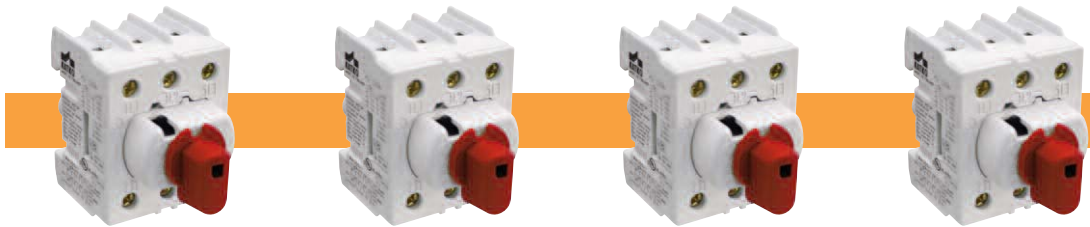


## Extended/Direct Handle Motor Disconnect Switch

The KU/VKA...N series can be used with extended and direct handles (see page 8-9 for details).



| Catalog Number          | KU316N              | KU325N              | KU340N              | KU363N              |
|-------------------------|---------------------|---------------------|---------------------|---------------------|
| No. of Poles            | 3 (4 pole - KU416N) | 3 (4 pole - KU425N) | 3 (4 pole - KU440N) | 3 (4 pole - KU463N) |
| General Purpose Current | 16A                 | 25A                 | 40A                 | 60A                 |
| Maximum Voltage         | 600V AC             | 600V AC             | 600V AC             | 600V AC             |
| Motor FLA @ 480V AC     | 14A                 | 17.5A               | 28A                 | 34A                 |
| Motor FLA @ 600V AC     | 9A                  | 11A                 | 18A                 | 27A                 |

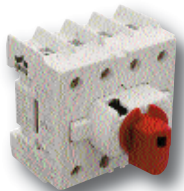
| Horsepower Rating /HP | 1 Phase | 3 Phase | 1 Phase | 3 Phase | 1 Phase | 3 Phase | 1 Phase | 3 Phase |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 110-120V AC           | 3/4     | 1 1/2   | 1       | 2       | 2       | 3       | 3       | 5       |
| 200V AC               | 2       | 3       | 2       | 5       | 3       | 7.5     | 5       | 10      |
| 208V AC               | 2       | 3       | 2       | 5       | 3       | 7.5     | 5       | 10      |
| 220-240V AC           | 2       | 3       | 3       | 7.5     | 5       | 10      | 5       | 10      |
| 265V AC               | 2       | 3       | 3       | 7.5     | 5       | 10      | 5       | 10      |
| 277V AC               | 2       | 3       | 3       | 7.5     | 5       | 10      | 7.5     | 10      |
| 380-415V AC           | 3       | 7.5     | 5       | 10      | 7.5     | 15      | 10      | 20      |
| 440-480V AC           | 5       | 10      | 7.5     | 15      | 10      | 20      | 15      | 25      |
| 550-600V AC           | 3       | 7.5     | 5       | 10      | 7.5     | 15      | 15      | 25      |

| Short Circuit Withstand Rating at 600 V with Max. Fuse Size/Class: | 10kA | 10kA | 10kA | 10kA              |
|--------------------------------------------------------------------|------|------|------|-------------------|
| K5                                                                 | 50A  | 50A  | 50A  | 60A               |
| RK5                                                                | 50A  | 50A  | 50A  | 60A (80A@480V AC) |
| RK1                                                                | 80A  | 80A  | 80A  | 100A              |
| J                                                                  | 80A  | 80A  | 80A  | 100A              |

| Terminal Size Acceptability (Cu Conductors only, 75°C) | 14-8AWG    | 14-8AWG    | 14-8AWG    | 12-4AWG    |
|--------------------------------------------------------|------------|------------|------------|------------|
| Terminal Torque                                        | 16 lb. in. | 16 lb. in. | 16 lb. in. | 16 lb. in. |

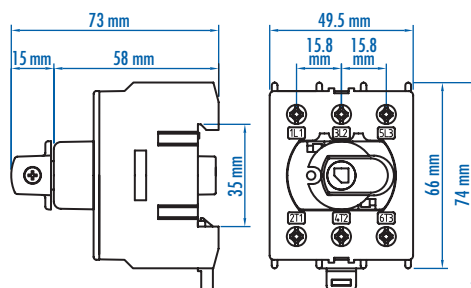
### Dimensions

(to convert to inches multiply by 0.03937)

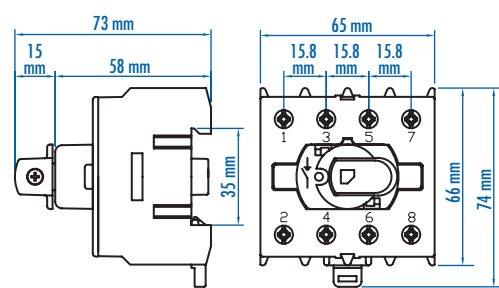


4 Pole

### 3 Pole



### 4 Pole



| Weight | 0.19Kg (0.419lb.) (3 pole)<br>0.23Kg (0.507lb.) (4 pole) | 0.172Kg (0.379lb.) (3 pole)<br>0.215Kg (0.474lb.) (4 pole) | 0.172Kg (0.379lb.) (3 pole)<br>0.215Kg (0.474lb.) (4 pole) | 0.200Kg (0.441lb.) (3 pole)<br>0.245Kg (0.540lb.) (4 pole) |
|--------|----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|
|--------|----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|

### Suitable Accessories

#### Extended Handle Version/ Door Interlock Mechanism

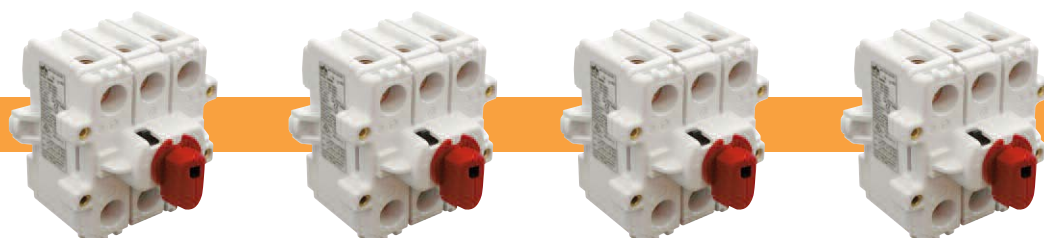
|                  |                             |                             |                             |                             |
|------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Shaft            | L(1,2,3)00AD11-ST           | L(1,2,3)00AD11-ST           | L(1,2,3)00AD11-ST           | L(1,2,3)00AD11-ST           |
| Handles          | LK10 (Y/R) UL, LK11 (Y/R) U | LK10 (Y/R) UL, LK11 (Y/R) U | LK10 (Y/R) UL, LK11 (Y/R) U | LK10 (Y/R) UL, LK11 (Y/R) U |
| Auxiliary Switch | KU1.V, KU2.V                | KU1.V, KU2.V                | KU1.V, KU2.V                | KU1.V, KU2.V                |
| Fuse Holder      | —                           | —                           | KV 10x38, KV 10x38 CC       | —                           |

#### Direct Handle Version

|                    |                      |                      |                      |                      |
|--------------------|----------------------|----------------------|----------------------|----------------------|
| Handle for 3 Pole  | K/KU3P (Y/R)         | K/KU3P (Y/R)         | K/KU3P (Y/R)         | K/KU3P (Y/R)         |
| Handle for 4 Pole  | K/KU4P (Y/R)         | K/KU4P (Y/R)         | K/KU4P (Y/R)         | K/KU4P (Y/R)         |
| Door Mounting Kits | OKA/KU LK10 x; OKA x | OKA/KU LK10 x; OKA x | OKA/KU LK10 x; OKA x | OKA/KU LK10 x; OKA x |

## Extended/Direct Handle Motor Disconnect Switch

The KU/VKA...N series can be used with extended and direct handles (see page 8-9 for details).



| Catalog Number          | VKA380N              | VKA3100N              | VKA3125N              | VKA3160N              |
|-------------------------|----------------------|-----------------------|-----------------------|-----------------------|
| No. of Poles            | 3 (4 pole - VKA480N) | 3 (4 pole - VKA4100N) | 3 (4 pole - VKA4125N) | 3 (4 pole - VKA4160N) |
| General Purpose Current | 80A                  | 100A                  | 125A                  | 150A                  |
| Maximum Voltage         | 600V AC              | 600V AC               | 600V AC               | 600V AC               |
| Motor FLA @ 480V AC     | —                    | —                     | —                     | —                     |
| Motor FLA @ 600V AC     | 47A                  | 54A                   | 68A                   | 83A                   |

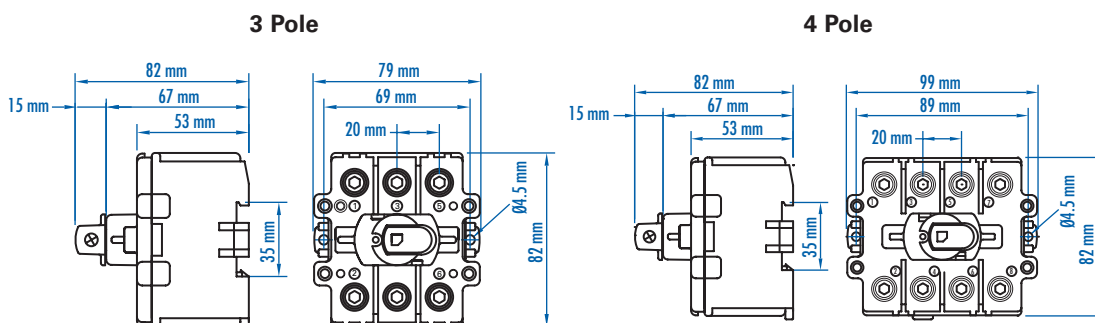
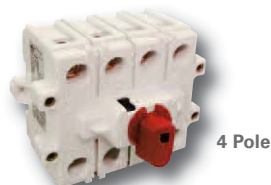
| Horsepower Rating /HP | 1 Phase | 3 Phase | 1 Phase | 3 Phase | 1 Phase | 3 Phase | 1 Phase | 3 Phase |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 110-120V AC           | 3       | 7.5     | 3       | 7.5     | 5       | 10      | 7.5     | 10      |
| 200V AC               | 7.5     | 10      | 7.5     | 15      | 10      | 20      | 10      | 25      |
| 208V AC               | 7.5     | 15      | 7.5     | 15      | 10      | 20      | 10      | 25      |
| 220-240V AC           | 7.5     | 15      | 10      | 20      | 15      | 25      | 15      | 30      |
| 265V AC               | 10      | 20      | 10      | 20      | 15      | 25      | 20      | 30      |
| 277V AC               | 10      | 20      | 10      | 20      | 15      | 30      | 20      | 30      |
| 380-415V AC           | 15      | 25      | 15      | 30      | 20      | 40      | 25      | 50      |
| 440-480V AC           | 20      | 30      | 20      | 40      | 25      | 50      | 30      | 60      |
| 550-600V AC           | 25      | 40      | 30      | 50      | 30      | 60      | 40      | 75      |

| Short Circuit Withstand Rating at 600 V with Max. Fuse Size/Class: | 10kA | 10kA | 10kA | 10kA |
|--------------------------------------------------------------------|------|------|------|------|
| K5                                                                 | 150A | 150A | 150A | 150A |
| RK5                                                                | 150A | 150A | 150A | 150A |
| RK1                                                                | —    | —    | —    | —    |
| J                                                                  | 200A | 200A | 200A | 200A |

| Terminal Size Acceptability (Cu Conductors only, 75°C) | 4-1/0AWG   | 4-1/0AWG   | 4-1/0AWG   | 4-1/0AWG   |
|--------------------------------------------------------|------------|------------|------------|------------|
| Terminal Torque                                        | 50 lb. in. | 50 lb. in. | 50 lb. in. | 50 lb. in. |

### Dimensions

(to convert to inches multiply by 0.03937)



| Weight | 0.480Kg (1.058lb.) (3 pole)<br>0.620Kg (1.367lb.) (4 pole) | 0.480Kg (1.058lb.) (3 pole)<br>0.620Kg (1.367lb.) (4 pole) | 0.480Kg (1.058lb.) (3 pole)<br>0.620Kg (1.367lb.) (4 pole) | 0.480Kg (1.058lb.) (3 pole)<br>0.620Kg (1.367lb.) (4 pole) |
|--------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|
|--------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|

### Suitable Accessories

#### Extended Handle Version/ Door Interlock Mechanism

|                  |                             |                             |                             |                             |
|------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Shaft            | L(1,2,3)00AD11-ST           | L(1,2,3)00AD11-ST           | L(1,2,3)00AD11-ST           | L(1,2,3)00AD11-ST           |
| Handles          | LK10 (Y/R) UL, LK11 (Y/R) U | LK10 (Y/R) UL, LK11 (Y/R) U | LK10 (Y/R) UL, LK11 (Y/R) U | LK10 (Y/R) UL, LK11 (Y/R) U |
| Auxiliary Switch | VKA1.V, VKA2.V              | VKA1.V, VKA2.V              | VKA1.V, VKA2.V              | VKA1.V, VKA2.V              |
| Fuse Holder      | —                           | —                           | —                           | —                           |

#### Direct Handle Version

|                       |                 |                 |                 |                 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|
| Handle for 3 & 4 Pole | K/VKA3-4P (Y/R) | K/VKA3-4P (Y/R) | K/VKA3-4P (Y/R) | K/VKA3-4P (Y/R) |
| Door Mounting Kits    | OKA/VKA x       | OKA/VKA x       | OKA/VKA x       | OKA/VKA x       |

**Dimensions** (to convert to inches multiply by 0.03937)

## Extended Handle Accessories

### DOOR INTERLOCK HANDLES

with 3 padlock locations\*

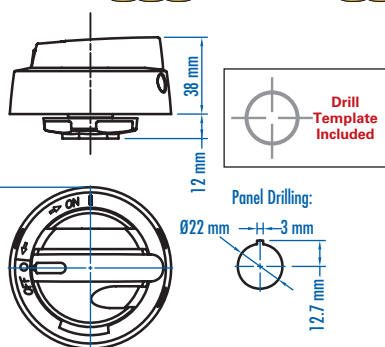
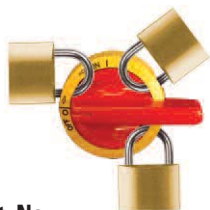


#### LK10 (Y/R) UL:

- Single hole mounting (22.5mm)
- Defeatable (built-in mechanism)

#### LK11 (Y/R) U:

- Retention mechanism (only rotates 90° from off to on, keeps handle in off position while cabinet door is open)
- Defeatable (looses NEMA rating)



LK10 UL

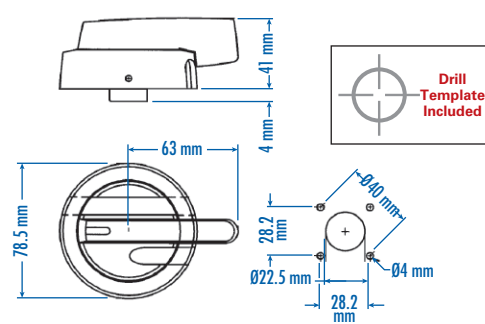
NEMA Type 4X, IP66

Black

LK10 Y/R UL

NEMA Type 4X, IP66

Yellow/Red



LK11 U

NEMA Type 4X, IP67

Black

LK11 Y/R U

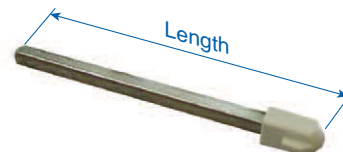
NEMA Type 4X, IP67

Yellow/Red

### DOOR INTERLOCK SHAFT

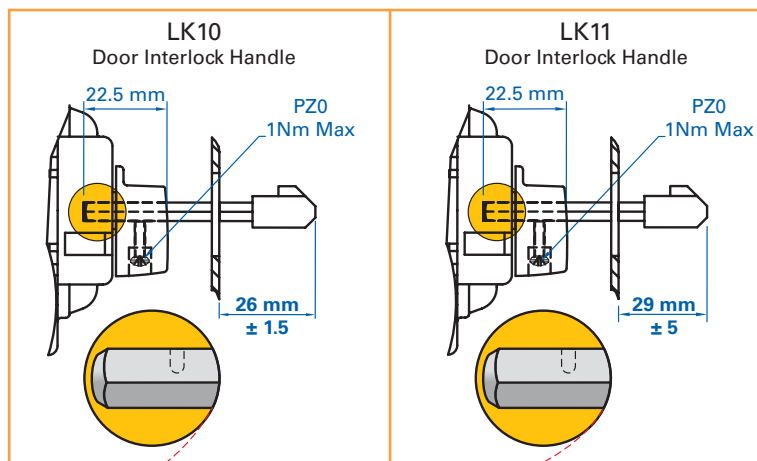
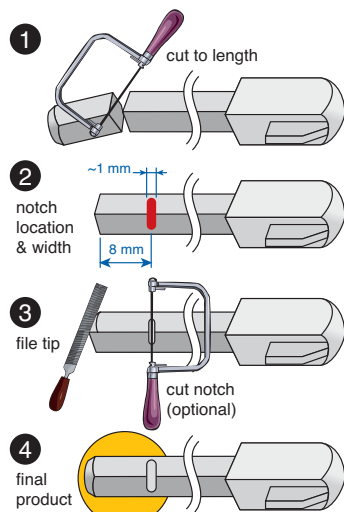
The steel shaft ensures reliable operation even in the toughest conditions.

| Cat. No.   | L100AD11-ST | L200AD11-ST | L300AD11-ST |
|------------|-------------|-------------|-------------|
| Length (L) | 100mm       | 200mm       | 300mm       |
| Material   | Steel       | Steel       | Steel       |



### SHAFT CUTTING RECOMMENDATIONS

### SHAFT LENGTH GUIDELINE



Extended/Direct Handle  
Motor Disconnect Switch

Auxiliary Switch

Door Interlock  
Shaft and Nut

Panel Door

Door Interlock Handle

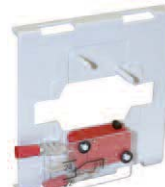
\*1/4" padlocks not included.

Dimensions (to convert to inches multiply by 0.03937)

## Extended Handle Accessories

### AUXILIARY SWITCHES

The auxiliary switches are the snap-on type and can be retrofitted.



| Cat. No.          | KU1.V                 | KU2.V                 | VKA1.V                | VKA2.V                |
|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Electrical Rating | 10A/1/2HP/125-250V AC | 10A/1/2HP/125-250V AC | 10A/1/2HP/125-250V AC | 10A/1/2HP/125-250V AC |
| No. of contacts   | 1n.o./1n.c.           | 2n.o./2n.c.           | 1n.o./1n.c.           | 2n.o./2n.c.           |
| For Use With      | KU models             | KU models             | VKA models            | VKA models            |

### FUSE HOLDER

This fuseholder can be retrofitted with the KU340N. Therefore design changes can be incorporated with ease to allow a fusible disconnect.

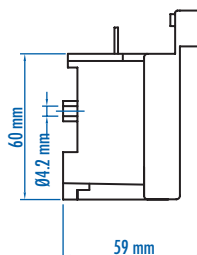
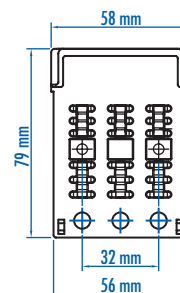
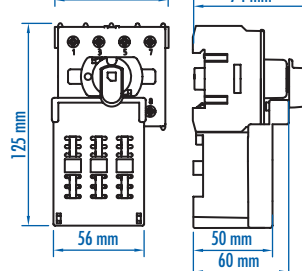
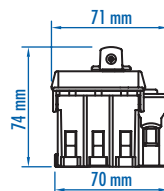
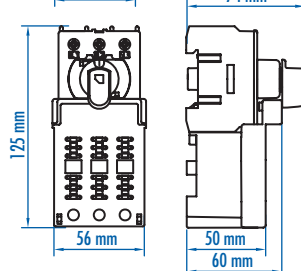
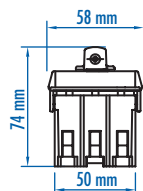


Kit shown; comes with KU340N and fuse holder.

| Cat. No.          | KKV 332           | KKV 332CC            | KV 10x38      | KV 10x38 CC |
|-------------------|-------------------|----------------------|---------------|-------------|
| Electrical Rating | 30A/600V AC       | 30A/600V AC          | 30A/600V AC   | 30A/600V AC |
| Fuse Type         | 10x38, Midget     | Class CC             | 10x38, Midget | Class CC    |
| For Use With      | —                 | —                    | KU340N        | KU340N      |
| Kit Includes      | KV 10x38 / KU340N | KV 10x38 CC / KU340N | —             | —           |



Kit shown; comes with switch and fuse holder.



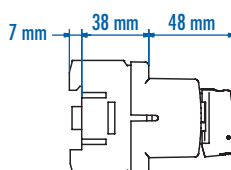
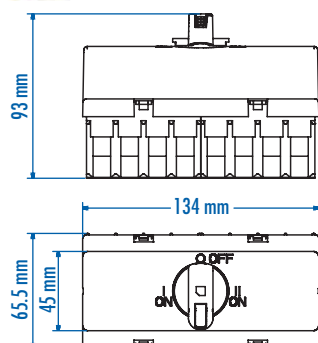
### CHANGE-OVER KITS

- For 2 KU switches
- Available with black or yellow/red handle (Y/R)



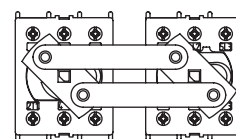
Cat. No. KU3/4P VV  
Color Black

Cat. No. KU3/4P VVY/R  
Color Yellow/Red

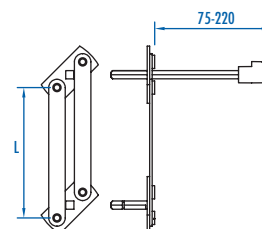


### PARALLEL KITS

- For KU and VKA-switches
- Assembly depth for KU 155-300 mm
- Assembly depth for VKA 164-310 mm



Center pivoting model available, contact Altech.



| Cat. No.   | Length (L) | For use with      |
|------------|------------|-------------------|
| RV 66S-ST  | 66 mm      | 2x KU 3 pole (3P) |
| RV 80S-ST  | 80 mm      | 2x KU 4P/VKA 3P   |
| RV 104S-ST | 104 mm     | 2x VKA 4P         |

Dimensions (to convert to inches multiply by 0.03937)

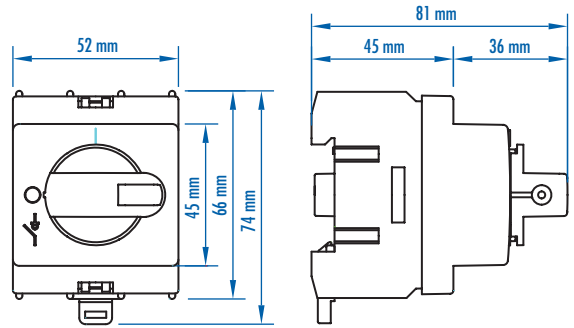
## Direct Handle Accessories and Mounting Alternatives

### DIRECT HANDLES

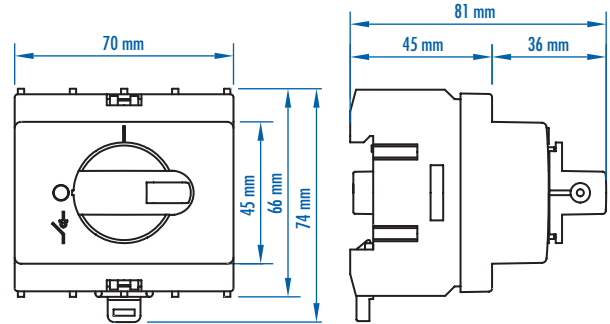
Improved design with metal shaft. Use for all your “inside the panel” applications. 1 suitcase lock location.



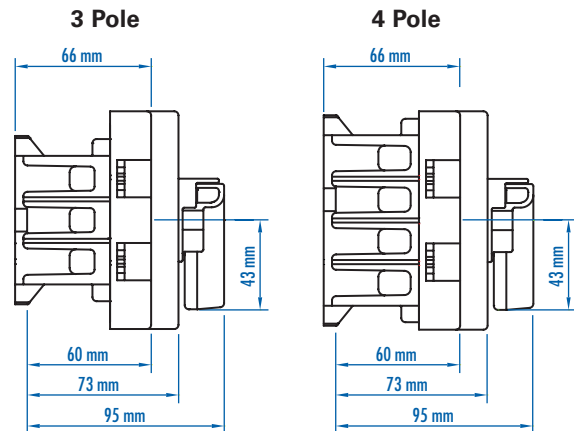
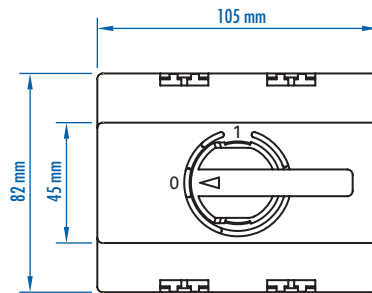
|                     |                |                |
|---------------------|----------------|----------------|
| <b>Cat. No.</b>     | K/KU3P         | K/KU3PY/R      |
| <b>Color</b>        | Black          | Yellow/Red     |
| <b>For use with</b> | KU models (3P) | KU models (3P) |



|                     |                |                |
|---------------------|----------------|----------------|
| <b>Cat. No.</b>     | K/KU4P         | K/KU4PY/R      |
| <b>Color</b>        | Black          | Yellow/Red     |
| <b>For use with</b> | KU models (4P) | KU models (4P) |



|                     |                   |                   |
|---------------------|-------------------|-------------------|
| <b>Cat. No.</b>     | K/VKA3-4P         | K/VKA3-4PY/R      |
| <b>Color</b>        | Black             | Yellow/Red        |
| <b>For use with</b> | VKA models (3/4P) | VKA models (3/4P) |

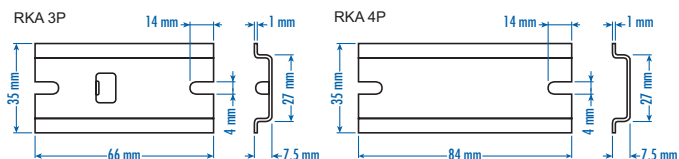


### ALUMINUM DIN RAIL

Panel mount option for small Disconnect Switches.



|                     |              |              |
|---------------------|--------------|--------------|
| <b>Cat. No.</b>     | RKA 3P       | RKA 4P       |
| <b>For Use With</b> | KU325/40/63N | KU425/40/63N |



### NOTE:

In the rare case that your mounting hardware (screws) for DIN Rail interfere with the enforcement studs in the back of the Motor Disconnect Switch please use smaller ( $\leq M3$  or equivalent) flathead screws or change your DIN Rail to the 15mm high version.

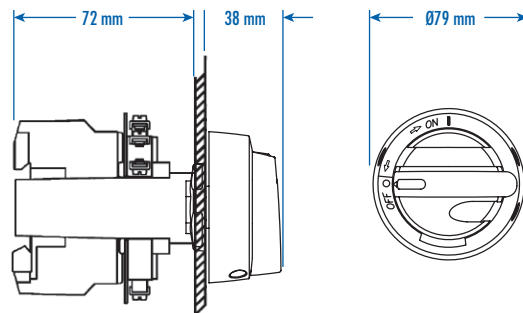
**Dimensions** (to convert to inches multiply by 0.03937)

## Door Mounting Kits

Designed for fast and easy assembly.

### OKA/KU LK10 Series

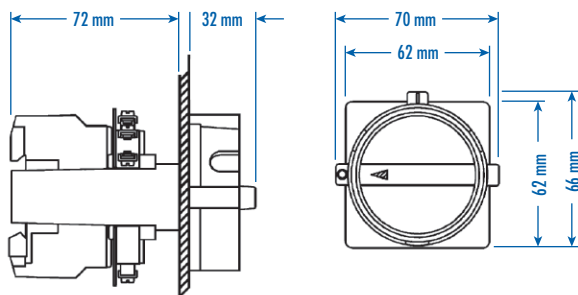
Environmental ratings: NEMA Type 4X, IP66; 3 padlock locations\*.



| Cat. No. (Black Handle) | Cat. No. (Yellow/Red Handle) | No. of aux. switches | For use with     |
|-------------------------|------------------------------|----------------------|------------------|
| OKA/KU LK10             | OKA/KU LK10 Y/R              | 0                    | 3 Pole KU switch |
| OKA/KU LK10 1.V         | OKA/KU LK10 1.V Y/R          | 1                    | 3 Pole KU switch |
| OKA/KU LK10 2.V         | OKA/KU LK10 2.V Y/R          | 2                    | 3 Pole KU switch |
| OKA/KU4P LK10           | OKA/KU4P LK10 Y/R            | 0                    | 4 Pole KU switch |
| OKA/KU4P LK10 1.V       | OKA/KU4P LK10 1.V Y/R        | 1                    | 4 Pole KU switch |
| OKA/KU4P LK10 2.V       | OKA/KU4P LK10 2.V Y/R        | 2                    | 4 Pole KU switch |

### OKA Series

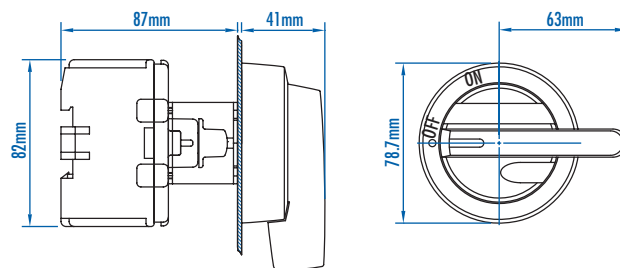
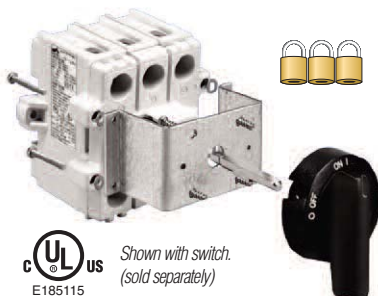
Environmental ratings: IP65; 3 padlock locations\*.



| Cat. No. (Black Handle) | Cat. No. (Yellow/Red Handle) | No. of aux. switches | For use with     |
|-------------------------|------------------------------|----------------------|------------------|
| OKA 0.V                 | OKA 0.V Y/R                  | 0                    | 3 Pole KU switch |
| OKA 1.V                 | OKA 1.V Y/R                  | 1                    | 3 Pole KU switch |
| OKA 2.V                 | OKA 2.V Y/R                  | 2                    | 3 Pole KU switch |

### OKA/VKA Series

Environmental ratings: NEMA Type 4X, IP67; 3 padlock locations\*.



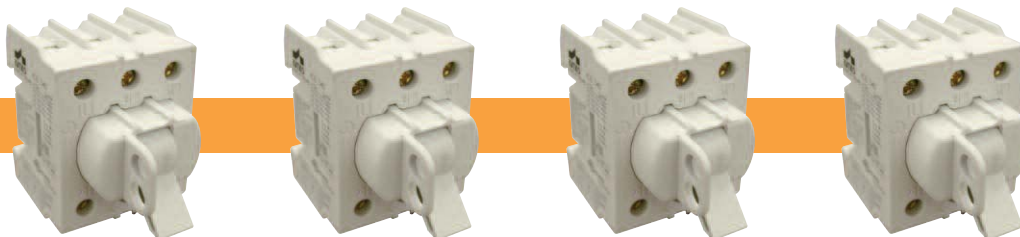
| Cat. No. (Black Handle) | Cat. No. (Yellow/Red Handle) | No. of aux. switches | For use with      |
|-------------------------|------------------------------|----------------------|-------------------|
| OKA/VKA 0.V             | OKA/VKA 0.V Y/R              | 0                    | 3 Pole VKA switch |
| OKA/VKA 1.V             | OKA/VKA 1.V Y/R              | 1                    | 3 Pole VKA switch |
| OKA/VKA 2.V             | OKA/VKA 2.V Y/R              | 2                    | 3 Pole VKA switch |
| OKA/VKA4P 0.V           | OKA/VKA4P 0.V Y/R            | 0                    | 4 Pole VKA switch |
| OKA/VKA4P 1.V           | OKA/VKA4P 1.V Y/R            | 1                    | 4 Pole VKA switch |
| OKA/VKA4P 2.V           | OKA/VKA4P 2.V Y/R            | 2                    | 4 Pole VKA switch |

\*1/4" padlocks not included.

**Dimensions** (to convert to inches multiply by 0.03937)

## Toggle Handle Motor Disconnect Switch

The KUE series only requires an additional cover plate (see below) which makes the switch IP20 touch proof.



| Catalog Number          | KUE316  | KUE325  | KUE340  | KUE363  |
|-------------------------|---------|---------|---------|---------|
| No. of Poles            | 3       | 3       | 3       | 3       |
| General Purpose Current | 16A     | 25A     | 40A     | 60A     |
| Maximum Voltage         | 600V AC | 600V AC | 600V AC | 600V AC |
| Motor FLA @ 480V AC     | 14A     | 17.5A   | 28A     | 34A     |
| Motor FLA @ 600V AC     | 9A      | 11A     | 18A     | 27A     |

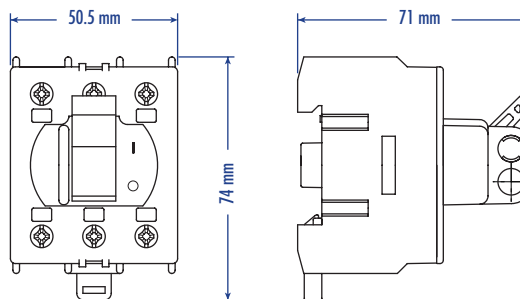
| Horsepower Rating /HP | 1 Phase | 3 Phase | 1 Phase | 3 Phase | 1 Phase | 3 Phase | 1 Phase | 3 Phase |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 110-120V AC           | 3/4     | 1 1/2   | 1       | 2       | 2       | 3       | 3       | 5       |
| 200V AC               | 2       | 3       | 2       | 5       | 3       | 7.5     | 5       | 10      |
| 208V AC               | 2       | 3       | 2       | 5       | 3       | 7.5     | 5       | 10      |
| 220-240V AC           | 2       | 3       | 3       | 7.5     | 5       | 10      | 5       | 10      |
| 265V AC               | 2       | 3       | 3       | 7.5     | 5       | 10      | 5       | 10      |
| 277V AC               | 2       | 3       | 3       | 7.5     | 5       | 10      | 7.5     | 10      |
| 380-415V AC           | 3       | 7.5     | 5       | 10      | 7.5     | 15      | 10      | 20      |
| 440-480V AC           | 5       | 10      | 7.5     | 15      | 10      | 20      | 15      | 25      |
| 550-600V AC           | 3       | 7.5     | 5       | 10      | 7.5     | 15      | 15      | 25      |

| Short Circuit Withstand Rating at 600 V with Max. Fuse Size/Class: | 10kA | 10kA | 10kA | 10kA                |
|--------------------------------------------------------------------|------|------|------|---------------------|
| K5                                                                 | 50A  | 50A  | 50A  | 60A                 |
| RK5                                                                | 50A  | 50A  | 50A  | 60A (80A @ 480V AC) |
| RK1                                                                | 80A  | 80A  | 80A  | 100A                |
| J                                                                  | 80A  | 80A  | 80A  | 100A                |

| Terminal Size Acceptability<br>(Cu Conductors only, 75°C) | 14-8AWG    | 14-8AWG    | 14-8AWG    | 12-4AWG    |
|-----------------------------------------------------------|------------|------------|------------|------------|
| Terminal Torque                                           | 16 lb. in. | 16 lb. in. | 16 lb. in. | 16 lb. in. |

### Dimensions

(to convert to inches multiply by 0.03937)



| Weight | 0.19Kg (0.419lb.) | 0.172Kg (0.379lb.) | 0.172Kg (0.379lb.) | 0.200Kg (0.441lb.) |
|--------|-------------------|--------------------|--------------------|--------------------|
|--------|-------------------|--------------------|--------------------|--------------------|

### Suitable Accessories Cover Plate

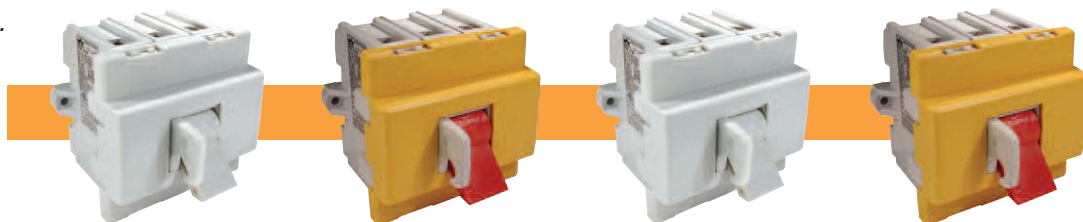


| Cat. No. | K/KUE       | K/KUEY      | R/KUE    | R/KUEY   |
|----------|-------------|-------------|----------|----------|
| Color    | Grey        | Yellow      | Grey     | Yellow   |
| Shape    | Rectangular | Rectangular | Circular | Circular |

**Dimensions** (to convert to inches multiply by 0.03937)

## Toggle Handle Motor Disconnect Switch

The EVA series  
includes a cover plate.



### Catalog Number

White Cover/ White Handle  
Yellow Cover/ Red Handle

|                         |                    |                     |                     |                     |
|-------------------------|--------------------|---------------------|---------------------|---------------------|
|                         | EVA380 + K/EVA     | EVA3100 + K/EVA     | EVA3125 + K/EVA     | EVA3160 + K/EVA     |
|                         | EVA380 + K/EVA Y/R | EVA3100 + K/EVA Y/R | EVA3125 + K/EVA Y/R | EVA3160 + K/EVA Y/R |
| No. of Poles            | 3                  | 3                   | 3                   | 3                   |
| General Purpose Current | 80A                | 100A                | 125A                | 150A                |
| Maximum Voltage         | 600V AC            | 600V AC             | 600V AC             | 600V AC             |
| Motor FLA @ 480V AC     | —                  | —                   | —                   | —                   |
| Motor FLA @ 600V AC     | 47A                | 54A                 | 68A                 | 83A                 |

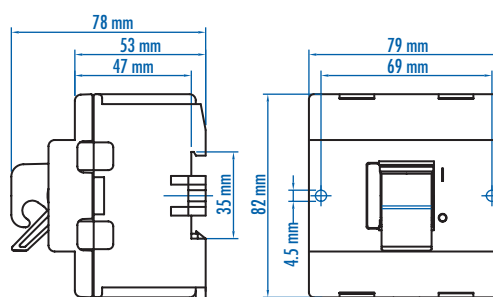
| Horsepower Rating /HP | 1 Phase | 3 Phase | 1 Phase | 3 Phase | 1 Phase | 3 Phase | 1 Phase | 3 Phase |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 110-120V AC           | 3       | 7.5     | 3       | 7.5     | 5       | 10      | 7.5     | 10      |
| 200V AC               | 7.5     | 10      | 7.5     | 15      | 10      | 20      | 10      | 25      |
| 208V AC               | 7.5     | 15      | 7.5     | 15      | 10      | 20      | 10      | 25      |
| 220-240V AC           | 7.5     | 15      | 10      | 20      | 15      | 25      | 15      | 30      |
| 265V AC               | 10      | 20      | 10      | 20      | 15      | 25      | 20      | 30      |
| 277V AC               | 10      | 20      | 10      | 20      | 15      | 30      | 20      | 30      |
| 380-415V AC           | 15      | 25      | 15      | 30      | 20      | 40      | 25      | 50      |
| 440-480V AC           | 20      | 30      | 20      | 40      | 25      | 50      | 30      | 60      |
| 550-600V AC           | 25      | 40      | 30      | 50      | 30      | 60      | 40      | 75      |

| Short Circuit Withstand Rating<br>at 600 V with Max. Fuse<br>Size/Class: | 10kA | 10kA | 10kA | 10kA |
|--------------------------------------------------------------------------|------|------|------|------|
| K5                                                                       | 150A | 150A | 150A | 150A |
| RK5                                                                      | 150A | 150A | 150A | 150A |
| RK1                                                                      | —    | —    | —    | —    |
| J                                                                        | 200A | 200A | 200A | 200A |

| Terminal Size Acceptability<br>(Cu Conductors only, 75°C) | 4-1/0AWG   | 4-1/0AWG   | 4-1/0AWG   | 4-1/0AWG   |
|-----------------------------------------------------------|------------|------------|------------|------------|
| Terminal Torque                                           | 50 lb. in. | 50 lb. in. | 50 lb. in. | 50 lb. in. |

### Dimensions

(to convert to inches  
multiply by 0.03937)



| Weight | 0.480Kg (1.058lb.) (3 pole) | 0.480Kg (1.058lb.) (3 pole) | 0.480Kg (1.058lb.) (3 pole) | 0.480Kg (1.058lb.) (3 pole) |
|--------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|--------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|



**Special Black Toggle Handle Motor Disconnect Switch**  
EVA3100 + K/EVAB

**Dimensions** (to convert to inches multiply by 0.03937)

## Enclosed Motor Disconnect Switch

These enclosed switches can be used locally at the motor.



### Catalog Number

Black Handle

Yellow/ Red Handle

|                         | KEM325UL<br>KEM325UL Y/R  | KEM340UL<br>KEM340UL Y/R  | KEM360UL<br>KEM360UL Y/R  | KEM380UL<br>KEM380UL Y/R  |
|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| No. of Poles            | 3 (4 pole - KEM425UL Y/R) | 3 (4 pole - KEM440UL Y/R) | 3 (4 pole - KEM460UL Y/R) | 3 (4 pole - KEM480UL Y/R) |
| General Purpose Current | 25A                       | 40A                       | 60A                       | 80A                       |
| Maximum Voltage         | 600V AC                   | 600V AC                   | 600V AC                   | 600V AC                   |
| Motor FLA @ 480V AC     | 17.5A                     | 28A                       | 34A                       | —                         |
| Motor FLA @ 600V AC     | 11A                       | 18A                       | 27A                       | 47A                       |

### Horsepower Rating /HP

|             | 1 Phase | 3 Phase | 1 Phase | 3 Phase | 1 Phase | 3 Phase | 1 Phase | 3 Phase |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 110-120V AC | 1       | 2       | 2       | 3       | 3       | 5       | 3       | 7.5     |
| 200V AC     | 2       | 5       | 3       | 7.5     | 5       | 10      | 7.5     | 10      |
| 208V AC     | 2       | 5       | 3       | 7.5     | 5       | 10      | 7.5     | 15      |
| 220-240V AC | 3       | 7.5     | 5       | 10      | 5       | 10      | 7.5     | 15      |
| 265V AC     | 3       | 7.5     | 5       | 10      | 5       | 10      | 10      | 20      |
| 277V AC     | 3       | 7.5     | 5       | 10      | 7.5     | 10      | 10      | 20      |
| 380-415V AC | 5       | 10      | 7.5     | 15      | 10      | 20      | 15      | 25      |
| 440-480V AC | 7.5     | 15      | 10      | 20      | 15      | 25      | 20      | 30      |
| 550-600V AC | 5       | 10      | 7.5     | 15      | 15      | 25      | 25      | 40      |

### Short Circuit Withstand Rating at 600 V with Max. Fuse Size/Class:

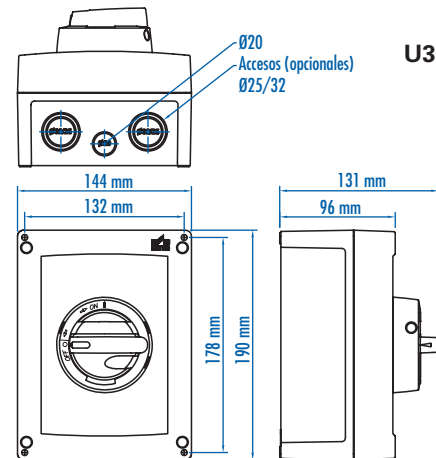
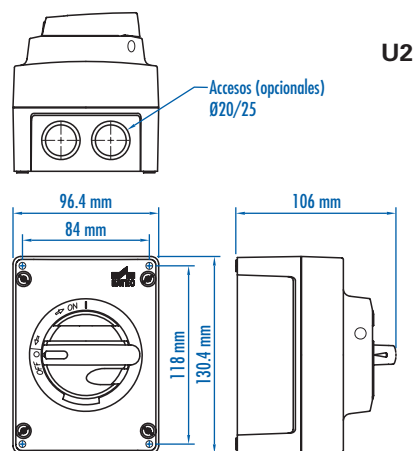
|     | 10kA | 10kA | 10kA                | 10kA |
|-----|------|------|---------------------|------|
| K5  | 50A  | 50A  | 60A                 | 150A |
| RK5 | 50A  | 50A  | 60A (80A @ 480V AC) | 150A |
| RK1 | 80A  | 80A  | 100A                | —    |
| J   | 80A  | 80A  | 100A                | 200A |

### Terminal Size Acceptability (Cu Conductors only, 75°C)

|                      | 14-8AWG      | 14-8AWG      | 12-4AWG      | 4-1/0AWG     |
|----------------------|--------------|--------------|--------------|--------------|
| Terminal Torque      | 16 lb. in.   | 16 lb. in.   | 16 lb. in.   | 50 lb. in.   |
| Environmental Rating | NEMA Type 4X | NEMA Type 4X | NEMA Type 4X | NEMA Type 4X |
| Enclosure Type Used  | U2           | U3           | U3           | U3           |

### Dimensions

(to convert to inches multiply by 0.03937)



| Weight | 0.49kg (1.08 lb.) | 0.72kg (1.587 lb.) | 0.773kg (1.698 lb.) | 1.021kg (2.249 lb.) |
|--------|-------------------|--------------------|---------------------|---------------------|
|--------|-------------------|--------------------|---------------------|---------------------|

### Suitable Accessories

| Auxiliary Contacts | KU1.V, KU2.V | KU1.V, KU2.V | KU1.V, KU2.V | VKA1.V, VKA2.V |
|--------------------|--------------|--------------|--------------|----------------|
|--------------------|--------------|--------------|--------------|----------------|

\*16A model also available, please contact Altech.

**Dimensions** (to convert to inches multiply by 0.03937)

# Enclosed Motor Disconnect Switch



## FUSED



KEM3100L  
KEM3100L Y/R  
3 (4 pole - KEM4100L Y/R)  
100A  
600V AC  
—  
54A

KEM3125L  
KEM3125L Y/R  
3 (4 pole - KEM4125L Y/R)  
125A  
600V AC  
—  
68A

KEM3150L  
KEM3150L Y/R  
3 (4 pole - KEM4150L Y/R)  
150A  
600V AC  
—  
83A

KKVM332, KKVM332CC  
KKVM332 Y/R, KKVM332CC Y/R  
3  
30A  
600V AC

| 1 Phase | 3 Phase |
|---------|---------|
| 3       | 7.5     |
| 7.5     | 15      |
| 7.5     | 15      |
| 10      | 20      |
| 10      | 20      |
| 10      | 20      |
| 15      | 30      |
| 20      | 40      |
| 30      | 50      |

| 1 Phase | 3 Phase |
|---------|---------|
| 5       | 10      |
| 10      | 20      |
| 10      | 20      |
| 15      | 25      |
| 15      | 25      |
| 15      | 30      |
| 20      | 40      |
| 30      | 50      |
| 30      | 60      |

| 1 Phase | 3 Phase |
|---------|---------|
| 7.5     | 10      |
| 10      | 25      |
| 10      | 25      |
| 15      | 30      |
| 20      | 30      |
| 20      | 30      |
| 25      | 50      |
| 30      | 60      |
| 40      | 75      |

| Cat. No.         | Fuse Type     |
|------------------|---------------|
| KKVM 332 (Y/R)   | 10x38, Midget |
| KKVM 332CC (Y/R) | Class CC      |

10kA  
150A  
150A  
—  
200A

10kA  
150A  
150A  
—  
200A

10kA  
150A  
150A  
—  
200A

10kA  
50A  
50A  
80A  
80A

4-1/0AWG

4-1/0AWG

4-1/0AWG

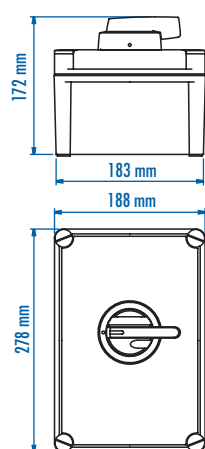
14-8AWG

50 lb. in.  
NEMA Type 4X  
MF10

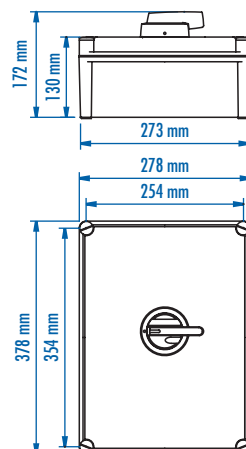
50 lb. in.  
NEMA Type 4X  
MF10

50 lb. in.  
NEMA Type 4X  
MF11UL

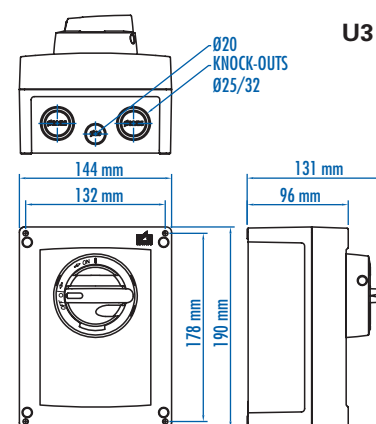
16 lb. in.  
NEMA Type 4X  
U3



MF10



MF11UL



U3

1.9051kg (4.2 lb.)

1.9051kg (4.2 lb.)

2.8351kg (6.25 lb.)

0.998kg (2.2 lb.)

VKA1.V, VKA2.V

VKA1.V, VKA2.V

VKA1.V, VKA2.V

KU1.V, KU2.V

**Dimensions** (to convert to inches multiply by 0.03937)

## Stainless Steel Enclosed Motor Disconnect Switch



These enclosures are ideal where chemicals are used for cleaning and maintenance such as food processing plants and breweries. Mining is another application area. Their stainless steel construction is extremely resistant to corrosion, and the enclosure is also rated to IP66.



\*



### Catalog Number

Black Handle

Yellow/ Red Handle

|                         |  |
|-------------------------|--|
| No. of Poles            |  |
| General Purpose Current |  |
| Maximum Voltage         |  |
| Motor FLA @ 480V AC     |  |
| Motor FLA @ 600V AC     |  |

KER325UL  
KER325ULY/R

|                          |
|--------------------------|
| 3 (4 pole - KER425ULY/R) |
| 25A                      |
| 600V AC                  |
| 17.5A                    |
| 11A                      |

KER340UL  
KER340ULY/R

|                          |
|--------------------------|
| 3 (4 pole - KER440ULY/R) |
| 40A                      |
| 600V AC                  |
| 28A                      |
| 18A                      |

### Horsepower Rating /HP

|             |
|-------------|
| 110-120V AC |
| 200V AC     |
| 208V AC     |
| 220-240V AC |
| 265V AC     |
| 277V AC     |
| 380-415V AC |
| 440-480V AC |
| 550-600V AC |

| 1 Phase | 3 Phase |
|---------|---------|
| 1       | 2       |
| 2       | 5       |
| 2       | 5       |
| 3       | 7.5     |
| 3       | 7.5     |
| 3       | 7.5     |
| 5       | 10      |
| 7.5     | 15      |
| 5       | 10      |

| 1 Phase | 3 Phase |
|---------|---------|
| 2       | 3       |
| 3       | 7.5     |
| 3       | 7.5     |
| 5       | 10      |
| 5       | 10      |
| 5       | 10      |
| 7.5     | 15      |
| 10      | 20      |
| 7.5     | 15      |

### Short Circuit Withstand Rating at 600 V with Max. Fuse Size/Class:

|     |
|-----|
| K5  |
| RK5 |
| RK1 |
| J   |

|      |
|------|
| 10kA |
| 50A  |
| 50A  |
| 80A  |
| 80A  |

|      |
|------|
| 10kA |
| 50A  |
| 50A  |
| 80A  |
| 80A  |

### Terminal Size Acceptability

(Cu Conductors only, 75°C)

|                      |
|----------------------|
| Terminal Torque      |
| Environmental Rating |
| Enclosure Type Used  |

14-8AWG

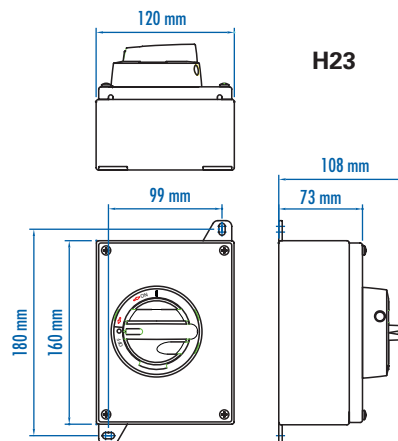
|              |
|--------------|
| 16 lb. in.   |
| NEMA Type 4X |
| H23          |

14-8AWG

|              |
|--------------|
| 16 lb. in.   |
| NEMA Type 4X |
| H23          |

### Dimensions

(to convert to inches multiply by 0.03937)



### Weight

|                   |
|-------------------|
| 1.35kg (2.98 lb.) |
|-------------------|

|                   |
|-------------------|
| 1.35kg (2.98 lb.) |
|-------------------|

### Suitable Accessories

#### Auxiliary Contacts

|              |
|--------------|
| KU1.V, KU2.V |
|--------------|

|              |
|--------------|
| KU1.V, KU2.V |
|--------------|

\* 16A model also available, please contact Altech.

**Dimensions** (to convert to inches multiply by 0.03937)



KER360UL  
KER360UL Y/R

|                           |
|---------------------------|
| 3 (4 pole - KER460UL Y/R) |
| 60A                       |
| 600V AC                   |
| 34A                       |
| 27A                       |

| 1 Phase | 3 Phase |
|---------|---------|
| 3       | 5       |
| 5       | 10      |
| 5       | 10      |
| 5       | 10      |
| 5       | 10      |
| 7.5     | 10      |
| 10      | 20      |
| 15      | 25      |
| 15      | 25      |

|                     |
|---------------------|
| 10kA                |
| 60A                 |
| 60A (80A @ 480V AC) |
| 100A                |
| 100A                |

12-4AWG

|              |
|--------------|
| 16 lb. in.   |
| NEMA Type 4X |
| H32          |

KER380UL  
KER380UL Y/R

|                           |
|---------------------------|
| 3 (4 pole - KER480UL Y/R) |
| 80A                       |
| 600V AC                   |
| —                         |
| 47A                       |

| 1 Phase | 3 Phase |
|---------|---------|
| 3       | 7.5     |
| 7.5     | 10      |
| 7.5     | 15      |
| 7.5     | 15      |
| 10      | 20      |
| 10      | 20      |
| 15      | 25      |
| 20      | 30      |
| 25      | 40      |

|      |
|------|
| 10kA |
| 150A |
| 150A |
| —    |
| 200A |

4-1/0AWG

|              |
|--------------|
| 50 lb. in.   |
| NEMA Type 4X |
| H32          |

KER3100UL  
KER3100UL Y/R

|                            |
|----------------------------|
| 3 (4 pole - KER4100UL Y/R) |
| 100A                       |
| 600V AC                    |
| —                          |
| 54A                        |

| 1 Phase | 3 Phase |
|---------|---------|
| 3       | 7.5     |
| 7.5     | 15      |
| 7.5     | 15      |
| 10      | 20      |
| 10      | 20      |
| 10      | 20      |
| 15      | 30      |
| 20      | 40      |
| 30      | 50      |

|      |
|------|
| 10kA |
| 150A |
| 150A |
| —    |
| 200A |

4-1/0AWG

|              |
|--------------|
| 50 lb. in.   |
| NEMA Type 4X |
| H32          |

KER3125UL  
KER3125UL Y/R

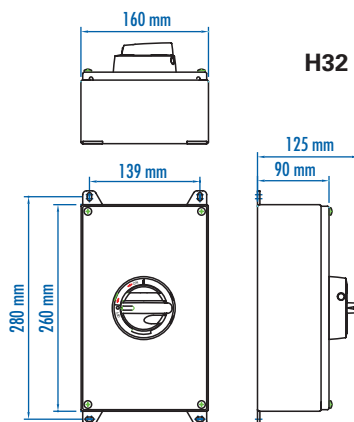
|                            |
|----------------------------|
| 3 (4 pole - KER4125UL Y/R) |
| 125A                       |
| 600V AC                    |
| —                          |
| 68A                        |

| 1 Phase | 3 Phase |
|---------|---------|
| 5       | 10      |
| 10      | 20      |
| 10      | 20      |
| 15      | 25      |
| 15      | 25      |
| 15      | 30      |
| 20      | 40      |
| 30      | 50      |
| 30      | 60      |

|      |
|------|
| 10kA |
| 150A |
| 150A |
| —    |
| 200A |

4-1/0AWG

|              |
|--------------|
| 50 lb. in.   |
| NEMA Type 4X |
| H32          |



H32

2.66kg (5.87 lb.)

2.66kg (5.87 lb.)

2.66kg (5.87 lb.)

2.66kg (5.87 lb.)

KU1.V, KU2.V

VKA1.V, VKA2.V

VKA1.V, VKA2.V

VKA1.V, VKA2.V

**Dimensions** (to convert to inches multiply by 0.03937)