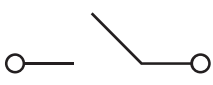


MOTOR DISCONNECT SWITCHES

FEATURES AND BENEFITS:

- One of the smallest 80 A switches in the industry
- Advanced switch technology (use of silver contacts ensures safe and durable operation)
- Across the line, motor starting - up to 75 hp/600V
- General Use Rating - 16 A to 150 A/600V
- Available as rotary switches for extended or direct handle applications
- Toggle switches
- Non-fused switch
- Short Circuit Withstand Rating of 10 kA with back-up fuse
- DIN Rail and panel mount available
- Comprehensive range of accessories
- Snap on auxiliary contacts
- Enclosed switches have UL Listed Type 4 and/or 4X rating; watertight
- Operating temperature is -20 °C to +40 °C

UL60947-4-1A (Formerly UL508) Listed Manual Motor Controllers


with **Disconnecting Means**



EXTENDED / DIRECT HANDLE MOTOR DISCONNECT SWITCH

KU/VKA switches4-5

EXTENDED / DIRECT HANDLE ACCESSORIES



Extended Handle Accessories6-7
Direct Handle Accessories8
OKA/KU Door Mounting Kit9
OKA Door Mounting Kit10
OKA/VKA Door Mounting Kit11



TOGGLE HANDLE MOTOR DISCONNECT SWITCH

KUE/EVA Switches and Accessories12-13



POLYCARBONATE ENCLOSED MOTOR DISCONNECT SWITCHES & FUSED ENCLOSED MOTOR DISCONNECT SWITCH (30 A)

KEM Switches and Accessories14-15
KKVM Fused Switch and Accessories15



ALUMINUM ENCLOSED MOTOR DISCONNECT SWITCHES

KEA Switches and Accessories16-17



SHEET METAL ENCLOSED MOTOR DISCONNECT SWITCHES

KET Switches and Accessories18-19



STAINLESS STEEL ENCLOSED MOTOR DISCONNECT SWITCHES

KER Switches and Accessories20-21

INDEX22

TERMS AND CONDITIONS23

Extended/Direct Handle Motor Disconnect Switch

The KU...N series can be used with extended and direct handles (see page 6-11 for details).



Catalog Number

	KU316N	KU325N	KU340N	KU363N	KU380N
No. of Poles	3 (4 pole - KU416N)	3 (4 pole - KU425N)	3 (4 pole - KU440N)	3 (4 pole - KU463N)	3 (4 pole - KU480N)
General Purpose Current	16 A	25 A	40 A	60 A	80 A
Maximum Voltage	600V AC	600V AC	600V AC	600V AC	600V AC
Motor FLA @ 480V AC	14 A	21 A	27 A	34 A	40 A
Motor FLA @ 600V AC	9 A	11 A	17 A	27 A	32 A

Horsepower Rating/HP

	1 Phase	3 Phase	1 Phase	3 Phase	1 Phase	3 Phase	1 Phase	3 Phase	1 Phase	3 Phase
110-120V AC	1	2	1.5	3	2	3	3	5	5	7.5
200V AC	1.5	3	2	5	3	7.5	5	10	7.5	10
208V AC	1.5	3	2	5	3	7.5	5	10	7.5	10
220-240V AC	2	3	3	5	5	7.5	7.5	10	10	15
265V AC	—	5	—	7.5	—	10	—	10	—	15
277V AC	—	5	—	7.5	—	10	—	10	—	15
380-415V AC	—	7.5	—	10	—	15	—	20	—	25
440-480V AC	—	10	—	15	—	20	—	25	—	30
550-600V AC	—	7.5	—	10	—	15	—	25	—	30

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

	10 kA	10 kA	10 kA	10 kA	10 kA
K5	30 A	30 A	30 A	30 A	30 A
RK5	30 A	30 A	30 A	30 A	30 A
RK1	60 A	60 A	60 A	60 A	60 A
J	80 A	80 A	80 A	100 A	100 A

Terminal Size

Acceptability

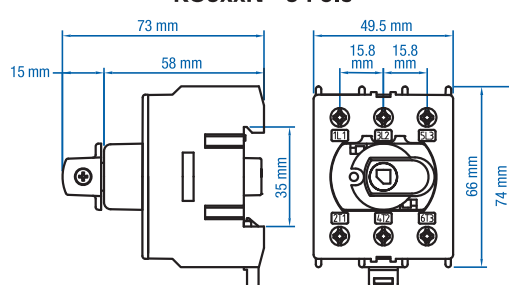
(Cu Conductors only, 75 °C)

	14-8 AWG	14-8 AWG	14-8 AWG	12-4 AWG	12-4 AWG
Terminal Torque	16 lb. in. (1.8 Nm)	16 lb. in. (1.8 Nm)	16 lb. in. (1.8 Nm)	16 lb. in. (1.8 Nm)	16 lb. in. (1.8 Nm)
Screw Head Type	No. 2 Pozidrive	No. 2 Pozidrive	No. 2 Pozidrive	No. 2 Pozidrive	No. 2 Pozidrive

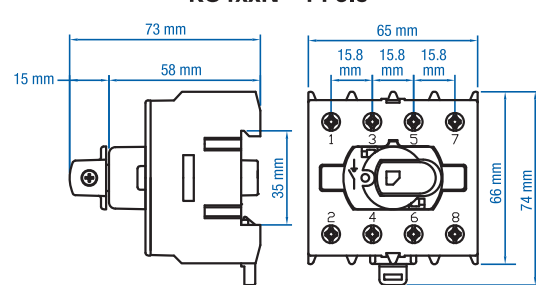
Dimensions

(to convert to inches multiply by 0.03937)

KU3xxN - 3 Pole



KU4xxN - 4 Pole



Weight	0.172 kg (0.379 lb.) (3 pole)	0.172 kg (0.379 lb.) (3 pole)	0.172 kg (0.379 lb.) (3 pole)	0.200 kg (0.441 lb.) (3 pole)	0.200 kg (0.441 lb.) (3 pole)
	0.215 kg (0.474 lb.) (4 pole)	0.215 kg (0.474 lb.) (4 pole)	0.215 kg (0.474 lb.) (4 pole)	0.245 kg (0.540 lb.) (4 pole)	0.245 kg (0.540 lb.) (4 pole)

Suitable Accessories

Extended Handle Applications

(Door Interlock Mechanism)

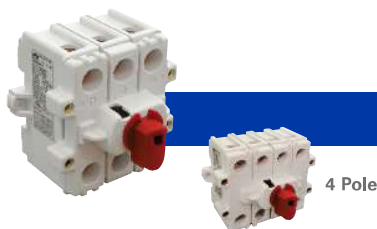
Shaft	L(1,2,3)00AD11-ST	L(1,2,3)00AD11-ST	L(1,2,3)00AD11-ST	L(1,2,3)00AD11-ST	L(1,2,3)00AD11-ST
Handles	LK10 (Y/R) UL, LK11 (Y/R) U	LK10 (Y/R) UL, LK11 (Y/R) U	LK10 (Y/R) UL, LK11 (Y/R) U	LK10 (Y/R) UL, LK11 (Y/R) U	LK10 (Y/R) UL, LK11 (Y/R) U
Auxiliary Switch	KU1.V, KU2.V	KU1.V, KU2.V	KU1.V, KU2.V	KU1.V,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

Direct Handle Applications

Handle for 3 Pole	K/KU3P (Y/R)	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)	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	OKA/KU LK10 x; OKA x

Extended/Direct Handle Motor Disconnect Switch

The VKA...N series can be used with extended and direct handles (see page 6-11 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	80 A	100 A	125 A	150 A
Maximum Voltage	600V AC	600V AC	600V AC	600V AC
Motor FLA @ 480V AC	—	—	—	—
Motor FLA @ 600V AC	47 A	54 A	68 A	83 A

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

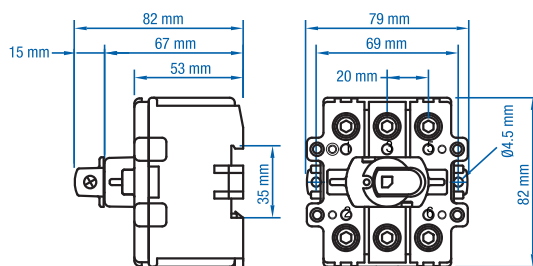
Short Circuit Withstand Rating at 600 V with Max. Fuse Size/Class:	10 kA	10 kA	10 kA	10 kA
K5	150 A	150 A	150 A	150 A
RK5	150 A	150 A	150 A	150 A
RK1	—	—	—	—
J	200 A	200 A	200 A	200 A

Terminal Size Acceptability	8-1/0 AWG	8-1/0 AWG	8-1/0 AWG	8-1/0 AWG
(Cu Conductors only, 75 °C)				
Terminal Torque	50 lb. in. (5.6 Nm)	50 lb. in. (5.6 Nm)	50 lb. in. (5.6 Nm)	50 lb. in. (5.6 Nm)
Screw Head Type	5 mm Allen Key	5 mm Allen Key	5 mm Allen Key	5 mm Allen Key

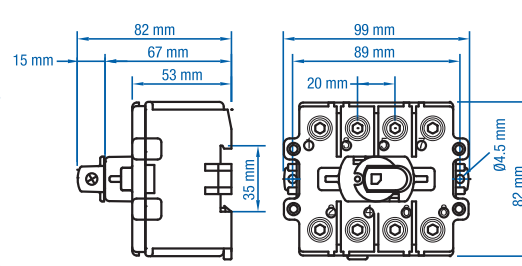
Dimensions

(to convert to inches multiply by 0.03937)

VKA3xxxN - 3 Pole



VKA4xxxN - 4 Pole



Weight	0.480 kg (1.058 lb.) (3 pole) 0.620 kg (1.367 lb.) (4 pole)	0.480 kg (1.058 lb.) (3 pole) 0.620 kg (1.367 lb.) (4 pole)	0.480 kg (1.058 lb.) (3 pole) 0.620 kg (1.367 lb.) (4 pole)	0.480 kg (1.058 lb.) (3 pole) 0.620 kg (1.367 lb.) (4 pole)
--------	--	--	--	--

Suitable Accessories

Extended Handle Applications (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 Applications

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