

Altech Corp.®



Quality
Endorsed
Company



Altech®
by KATKO

UL98 Disconnect Switches

UL98 Motor Disconnect Switch - Extended

- Every design is lockable in OFF position
- Switching mechanism speed is independent from the operator
- Silver contacts ensure safe and durable operation



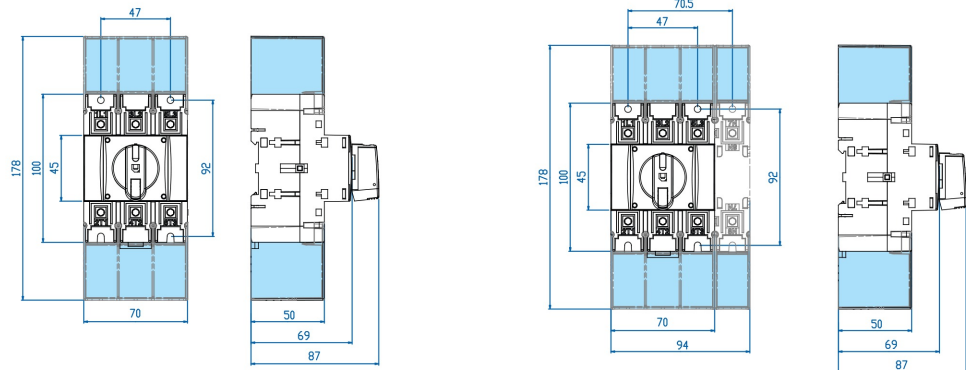
4 Pole disconnect switch shown with optional 3 pole touch protector

Catalog Number	KU330UL98		KU360UL98		KU3100UL98	
No. of Poles*	3 (4 pole - KU430UL98)		3 (4 pole - KU460UL98)		3 (4 pole - KU4100UL98)	
General Purpose Current	30 A		60 A		100 A	
Maximum Voltage	600V AC		600V AC		600V AC	
Horsepower Rating /HP	1 Phase	3 Phase	1 Phase	3 Phase	1 Phase	3 Phase
120V AC	2	1	5	—	5	—
240V AC	5	15	7 1/2	20	10	25
480V AC	5	30	—	40	—	50
600V AC	5	50	—	60	—	75
Short Circuit Withstand Rating at 600 V with Max. Fuse Size/Class:	50 kA/30 A Class J		50 kA/60 A Class J		50 kA/100 A Class J	
Terminal Size Acceptability and Torque (Cu Conductors only, 75°C)	14 – 10 AWG: 35 lb. in. (4.0 Nm) 8 – 1/0 AWG: 65 lb. in. (7.3 Nm)		14 – 10 AWG: 35 lb. in. (4.0 Nm) 8 – 1/0 AWG: 65 lb. in. (7.3 Nm)		14 – 10 AWG: 35 lb. in. (4.0 Nm) 8 – 1/0 AWG: 65 lb. in. (7.3 Nm)	
Screw Head Type	4mm Allen Key		4mm Allen Key		4mm Allen Key	

Dimensions

(to convert to inches multiply by 0.03937)

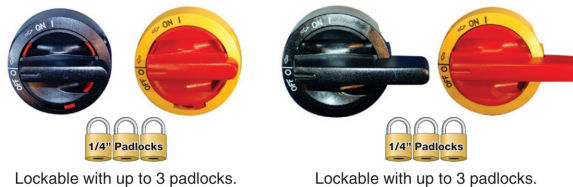
NOTE: Optional touch protectors shown in light blue.



Weight	0.45 kg (4 pole 0.59 kg)		0.45 kg (4 pole 0.59 kg)		0.45 kg (4 pole 0.59 kg)	
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Suitable Accessories

DOOR INTERLOCK HANDLES



Lockable with up to 3 padlocks.

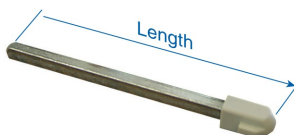
Lockable with up to 3 padlocks.

SIDE MOUNTED AUXILIARY SWITCHES

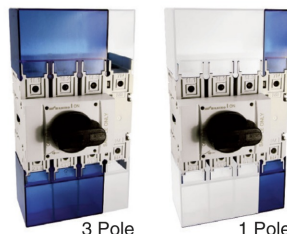


Cat. No.	LK10 UL	LK10 Y/R UL	LK11 U	LK11 Y/R U	Cat. No.	1.V160KU	2.V160KU
Environmental Rating UL (IEC)	UL Type 4X (IP66)		UL Type 4X (IP67)		No. of Contacts	1n.o./1n.c.	2n.o./2n.c.
Color	Black	Yellow/Red	Black	Yellow/Red	Electrical Rating	16 A/1/2HP/125-250V AC	

DOOR INTERLOCK SHAFT



Cat. No.	L100 AD11-ST	L200 AD11-ST	L300AD11-ST
Length (L)	100 mm	200 mm	300 mm
Material	Steel	Steel	Steel



BLUE TOUCH PROTECTOR

Cat. No.	LS/VS 160 3P	LS/VS N160
Poles	3	1

* 6 and 8 pole versions along with changeover version available upon request.

UL98 Motor Disconnect Switch - Sheet Metal Enclosure



- Can be used locally at the motor
- UL Type 4
- Excellent in harsh weather conditions
- Resistant to many chemicals
- Corrosion and UV resistant
- IEC IP65 Protection Level
- Lockable - Defeatable Handle



All Models are lockable with up to 3 padlocks.

Catalog Number

- Black Handle
- Yellow/Red Handle

	KET330UL98 KET330UL98 Y/R	KET360UL98 KET360UL98 Y/R	KET3100UL98 KET3100UL98 Y/R
No. of Poles	3 (4 pole - KET430UL98 (Y/R))	3 (4 pole - KET460UL98 (Y/R))	3 (4 pole - KET4100UL98 (Y/R))
General Purpose Current	30 A	60 A	100 A
Maximum Voltage	600V AC	600V AC	600V AC

Horsepower Rating /HP	1 Phase	3 Phase	1 Phase	3 Phase	1 Phase	3 Phase
120V AC	2	1	3	—	5	—
240V AC	5	15	7.5	20	10	25
480V AC	5	30	—	40	—	50
600V AC	5	50	—	60	—	75

Short Circuit Withstand Rating at 600 V	50 kA/60 A Class J	50 kA/60 A Class J	50 kA/100 A Class J
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Terminal Size Acceptability and Torque

(Cu Conductors only, 75°C)

14 – 10 AWG: 35 lb. in. (4.0 Nm)
8 – 1/0 AWG: 65 lb. in. (7.3 Nm)

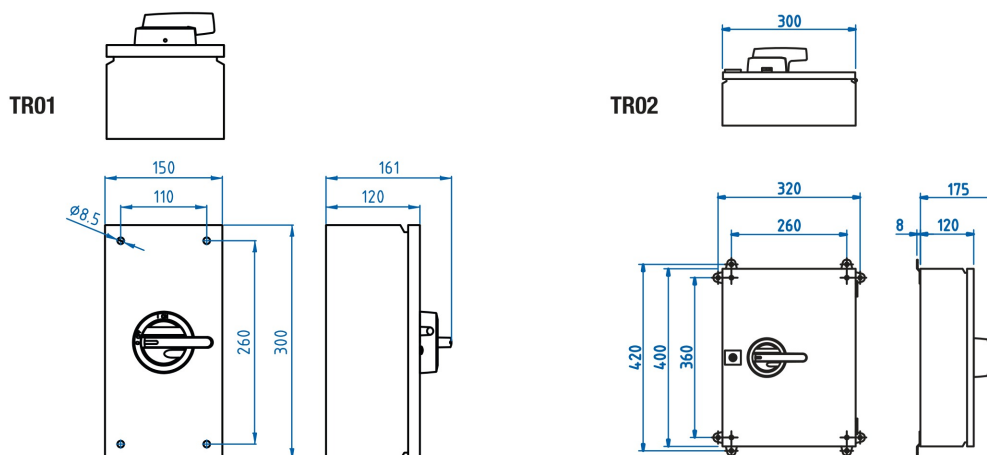
14 – 10 AWG: 35 lb. in. (4.0 Nm)
8 – 1/0 AWG: 65 lb. in. (7.3 Nm)

14 – 10 AWG: 35 lb. in. (4.0 Nm)
8 – 1/0 AWG: 65 lb. in. (7.3 Nm)

Screw Head Type	4mm Allen Key	4mm Allen Key	4mm Allen Key
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Dimensions & Size

(to convert to inches multiply by 0.03937)



Weight	4.3 kg	4.4 kg	9.7 kg	9.8 kg
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Suitable Accessories

AUXILIARY SWITCHES



Cat. No.	1.V160KU	2.V160KU
No. of Contacts	1n.o./1n.c.	2n.o./2n.c.
Electrical Rating	16 A/1/2HP/125-250V AC	

UL98 Motor Disconnect Switch - Stainless Steel Enclosure



- Can be used locally at the motor
- UL Type 4X
- Ideal where chemicals are used for cleaning and maintenance such as food processing and breweries
- Mining is another application area
- Stainless Steel (Grade AISI 316)
- Corrosion Resistant
- IEC IP65 Protection Level
- Lockable - Defeatable Handle



All Models are lockable with up to 3 padlocks.

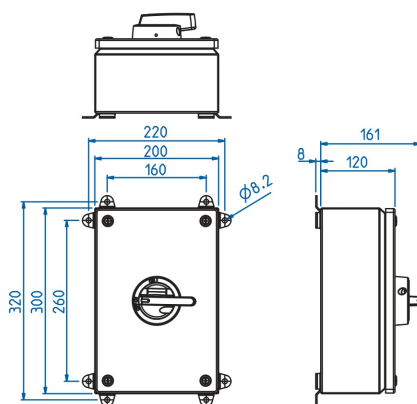


Catalog Number

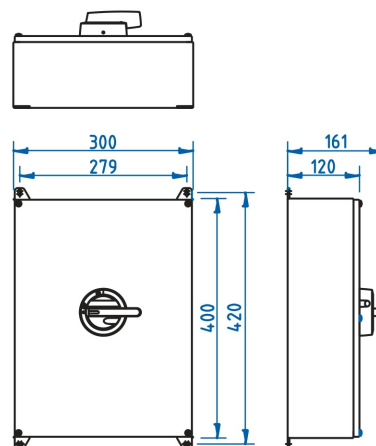
- Yellow/Red Handle
- Black Handle

- Yellow/Red Handle	KER330UL98		KER360UL98		KER3100UL98		
- Black Handle	KER330UL98 Y/R		KER360UL98 Y/R		KER3100UL98 Y/R		
No. of Poles	3 (4 pole - KER430UL98 (Y/R))		3 (4 pole - KER460UL98 (Y/R))		3 (4 pole - KER4100UL98 (Y/R))		
General Purpose Current	60 A		60 A		100 A		
Maximum Voltage	600V AC		600V AC		600V AC		
Horsepower Rating /HP	1 Phase	3 Phase	1 Phase	3 Phase	1 Phase	3 Phase	
	120V AC	2	1	3	—	5	—
	240V AC	5	15	7.5	20	10	25
	480V AC	5	30	—	40	—	50
	600V AC	5	50	—	60	—	75
Short Circuit Withstand Rating at 600 V	50 kA/60 A Class J		50 kA/60 A Class J		50 kA/100 A Class J		
Terminal Size Acceptability and Torque (Cu Conductors only, 75°C)	14 – 10 AWG: 35 lb. in. (4.0 Nm)		14 – 10 AWG: 35 lb. in. (4.0 Nm)		14 – 10 AWG: 35 lb. in. (4.0 Nm)		
	8 – 1/0 AWG: 65 lb. in. (7.3 Nm)		8 – 1/0 AWG: 65 lb. in. (7.3 Nm)		8 – 1/0 AWG: 65 lb. in. (7.3 Nm)		
Screw Head Type	4mm Allen Key		4mm Allen Key		4mm Allen Key		
Dimensions & Size	H01		H01		H02		
(to convert to inches multiply by 0.03937)							

H01



H02



Weight	3.3 kg	3.4 kg	6.9 kg	7.0 kg
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Suitable Accessories

AUXILIARY SWITCHES



Cat. No.	1.V160KU	2.V160KU
No. of Contacts	1n.o./1n.c.	2n.o./2n.c.
Electrical Rating	16 A/1/2HP/125-250V AC	

UL98 Motor Disconnect Switch - Polycarbonate Enclosure



- Can be used locally at the motor
- UL Type 4X
- IEC IP65 Protection Level
- UV resistant
- Resistant to many chemicals
- Lockable - Defeatable Handle



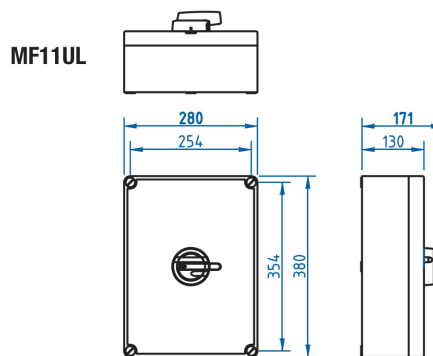
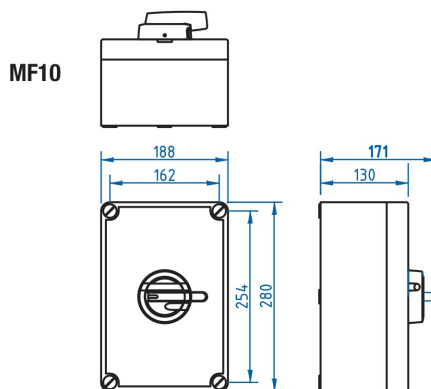
All Models are lockable
with up to 3 padlocks.



Catalog Number

- Yellow/Red Handle
- Black Handle

- Yellow/Red Handle - Black Handle	KEM330UL98 KEM330UL98 Y/R		KEM360UL98 KEM360UL98 Y/R		KEM3100UL98 KEM3100UL98 Y/R		
No. of Poles	3 (4 pole - KEM430UL98 (Y/R))		3 (4 pole - KEM460UL98 (Y/R))		3 (4 pole - KEM4100UL98 (Y/R))		
General Purpose Current	60 A		60 A		100 A		
Maximum Voltage	600V AC		600V AC		600V AC		
Horsepower Rating /HP	1 Phase	3 Phase	1 Phase	3 Phase	1 Phase	3 Phase	
	120V AC	2	1	3	—	5	—
	240V AC	5	15	7.5	20	10	25
	480V AC	5	30	—	40	—	50
	600V AC	5	50	—	60	—	75
Short Circuit Withstand Rating at 600 V	50 kA/60 A Class J		50 kA/60 A Class J		50 kA/100 A Class J		
Terminal Size Acceptability and Torque (Cu Conductors only, 75°C)	14 – 10 AWG: 35 lb. in. (4.0 Nm) 8 – 1/0 AWG: 65 lb. in. (7.3 Nm)		14 – 10 AWG: 35 lb. in. (4.0 Nm) 8 – 1/0 AWG: 65 lb. in. (7.3 Nm)		14 – 10 AWG: 35 lb. in. (4.0 Nm) 8 – 1/0 AWG: 65 lb. in. (7.3 Nm)		
Screw Head Type	4mm Allen Key		4mm Allen Key		4mm Allen Key		
Dimensions & Size <i>(to convert to inches multiply by 0.03937)</i>	MF10		MF10		MF11UL		



Weight	2.4 kg	3.3 kg	2.5 kg	3.4 kg
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Suitable Accessories

AUXILIARY SWITCHES



Cat. No.	1.V160KU	2.V160KU
No. of Contacts	1n.o./1n.c.	2n.o./2n.c.
Electrical Rating	16 A/1/2HP/125-250V AC	



We have a full line of High Quality Disconnect Switches & Accessories.

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/600 V
- General Use Rating - 16 A to 150 A/600 V
- 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

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

with Disconnecting Means



AC Motor Across-The-Line
AC General Use