

# NEMA 4X WASHDOWN DUTY DISCONNECT SWITCHES UL508 LISTED MANUAL MOTOR CONTROLLERS

**NEW**

*KEM/KER/KET Series*



- Across-the-Line Motor Starting
- General Use Rating 25 to 150A
- 3-Pole, 600 Vac
- Interrupting Capacity Rating 10kA
- Indoor or Outdoor Use
- UL508 Listed Manual Motor Controllers (UL60947-4-1A)
- Auxiliary Contacts Available
- Operating Temperature Range: -20 to 40°C (-4 to 104°F)

These enclosed disconnect switches can be used for general purpose disconnects or locally for across-the-line manual motor controller. They are for indoor or outdoor use and all models are pad lockable for up to three 1/4" pad locks. The steel models are NEMA 4 and IP65 rated. The polycarbonate and stainless steel models are NEMA 4X and IP66 rated and are ideal for use in corrosive environments like food processing and marine locations.





**To Order Visit [omega.com/kem\\_ker\\_ket](http://omega.com/kem_ker_ket) for Pricing and Details**

Specifications														
Polycarbonate NEMA 4X, IP66		Model Number												
Blank Handle	AU-KEM325UL	AU-KEM340UL	AU-KEM360UL	AU-KEM380UL	AU-KEM3100UL	AU-KEM3125UL	AU-KEM3150UL							
Yellow/Red Handle	AU-KEM325UL-YR	AU-KEM340UL-YR	AU-KEM360UL-YR	AU-KEM380UL-YR	AU-KEM3100UL-YR	AU-KEM3125UL-YR	AU-KEM3150UL-YR							
Steel NEMA 4, IP65		Model Number												
Blank Handle	AU-KET325UL	AU-KET340UL	AU-KET360UL	AU-KET380UL	AU-KET3100UL	AU-KET3125UL	—							
Yellow/Red Handle	AU-KET325UL-YR	AU-KET340UL-YR	AU-KET360UL-YR	AU-KET380UL-YR	AU-KET3100UL-YR	AU-KET3125UL-YR	—							
Stainless Steel NEMA 4X, IP66		Model Number												
Blank Handle	AU-KER325UL	AU-KER340UL	AU-KER360UL	AU-KER380UL	AU-KER3100UL	AU-KER3125UL	—							
Yellow/Red Handle	AU-KER325UL-YR	AU-KER340UL-YR	AU-KER360UL-YR	AU-KER380UL-YR	AU-KER3100UL-YR	AU-KER3125UL-YR	—							
General Purpose Current	25A	40A	60A	80A	100A	125A	150A							
Maximum Voltage	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac							
Motor FLA@ 480 Vac	17.5 A	28A	34A	—	—	—	—							
Motor FLA@ 600 Vac	11 A	18A	27A	47A	54A	68A	83A							
Horsepower Rating HP	1 Phase	3 Phase	1 Phase	3 Phase	1 Phase	3 Phase	1 Phase	3 Phase	1 Phase	3 Phase	1 Phase	3 Phase	1 Phase	3 Phase
100 to 120 Vac	1	2	2	3	3	5	3	7.5	3	7.5	5	10	7.5	10
200 Vac	2	5	3	7.5	5	10	7.5	10	7.5	15	10	20	10	25
208 Vac	2	5	3	7.5	5	10	7.5	15	7.5	15	10	20	10	25
220 to 240 Vac	3	7.5	5	10	5	10	7.5	15	10	20	15	25	15	30
265 Vac	3	7.5	5	10	5	10	10	20	10	20	15	25	20	30
277 Vac	3	7.5	5	10	7.5	10	10	20	10	20	15	30	20	30
380 to 415 Vac	5	10	7.5	15	10	20	15	25	15	30	20	40	25	50
440 to 480 Vac	7.5	15	10	20	15	25	20	30	20	40	30	50	30	60
550 to 600 Vac	5	10	7.5	15	10	25	25	40	30	50	30	60	40	75
Short Circuit Withstand Rating @ 600 V with Maximum Fuse Size/Class	10kA		10kA		10kA		10kA		10kA		10kA		10kA	
K5	50A		50A		60A		150A		150A		150A		150A	
RK5	50A		50A		60A (80A@480 Vac)		150A		150A		150A		150A	
RK1	80A		80A		100A		—		—		—		—	
K5	80A		80A		100A		200A		200A		200A		200A	
Terminal Size Acceptability (Cu conductors only 75°C)	14 to 8 AWG		14 to 8 AWG		12 to 4 AWG		4 to 1/0 AWG		4 to 1/0 AWG		4 to 1/0 AWG		4 to 1/0 AWG	
Terminal Torque	16 Lb. in		16 Lb. in		16 Lb. in		50 Lb. in		50 Lb. in		50 Lb. in		50 Lb. in	
Weight kg (lb)	0.49 (1.08)		0.72 (1.59)		0.77 (1.70)		1.02 (2.25)		1.905 (4.2)		1.905 (4.2)		2.835 (6.25)	
Dimensions (See references below)														
Polycarbonate Enclosure	P1		P2		P2		P2		P3		P3		P4	
Steel Enclosure	S1		S1		S2		S2		S2		S2			
Stainless Steel Enclosure	SS1		SS1		SS2		SS2		SS2		SS2			
P1	130.4 H x 96.4 W x 106 mm D (5.1 x 3.8 x 4.2")						<b>S1</b>		200 H x 150 W x 155 mm D (7.87 x 5.9 x 6.1")					
P2	190 H x 144 W x 131 mm D (7.48 x 5.67 x 5.16")						<b>S2</b>		300 H x 150 W x 161 mm D (11.8 x 5.9 x 6.1")					
P3	273 H x 188 W x 172 mm D (10.7 x 7.4 x 6.77")						<b>SS1</b>		180 H x 99 W x 120 mm D (7.08 x 3.89 x 4.72")					
P4	378 H x 278 W x 172 mm D (14.9 x 10.9 x 6.77")						<b>SS2</b>		280 H x 139 W x 160 mm D (11 x 5.47 x 6.3")					

**Ordering Examples:** AU-KEM325UL-YR, enclosed disconnect switch with general purpose rating of 600 Vac, 25 Amps, polycarbonate enclosure with yellow/red pad lockable handle.

AU-KET325UL, enclosed disconnect switch general purpose rating of 600 Vac, 25 Amps, steel sheet metal enclosure with black pad lockable handle.

# omega.co.uk®

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

[www.omega.co.uk](http://www.omega.co.uk)



#### UNITED STATES

[www.omega.com](http://www.omega.com)

1-800-TC-OMEGA  
Stamford, CT.

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

Manchester, England  
0800-488-488  
+44-(0)161-777-6611

#### CANADA

[www.omega.ca](http://www.omega.ca)

Laval(Quebec)  
1-800-TC-OMEGA

#### FRANCE

[www.omega.fr](http://www.omega.fr)

0800-466-342

#### GERMANY

[www.omega.de](http://www.omega.de)

Deckenfronn, Germany  
0800-8266342

#### BENELUX

[www.omega.nl](http://www.omega.nl)

0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters