

## Toggle AC Manual Motor Controllers/Disconnects

**TECH·SPEC®**



- Ideal motor controller suitable as a disconnect
- High temperature thermoset body
- Provides high resistance to electrical arc tracking
- Strong ON/OFF action with quick-make, slow break operation provides long-life and reliability
- Superior dielectric strength
- Optional side guard, for close wall applications and finger safe environments
- Can be built into equipment and enclosures with either box or panel-mount installation

## Toggle AC Manual Motor Controllers/Disconnects



30003D



40002D



60003D

Poles	HP Rating				30A		40A	50A	60A		85A
					Back and Side Wired		Side Wired	Side Wired	Front Wired	Back Wired	Back Wired
	120V AC	240V AC	480V AC	600V AC	Standard Toggle	Short Toggle	Standard Toggle	Standard Toggle	Standard Toggle	Standard Toggle	Standard Toggle
2	2	5	10	15	<b>30002D</b>	<b>30002DS</b>	<b>40002D</b>	<b>50002D</b>	—	—	—
2	2	5	10	15	—	—	<b>4002*</b>	—	—	—	—
3	3	7.5	15	20	<b>30003D</b>	<b>30003DS</b>	<b>40003D</b>	<b>50003D</b>	—	—	—
2	—	10	15	20	—	—	—	—	<b>60002FWD</b>	<b>60002D</b>	<b>85002D</b>
3	—	10	25	30	—	—	—	—	<b>60003FWD</b>	<b>60003D</b>	—
3	—	10	25	40	—	—	—	—	—	—	<b>85003D</b>

Note: \*Motor controller only.

## Accessories

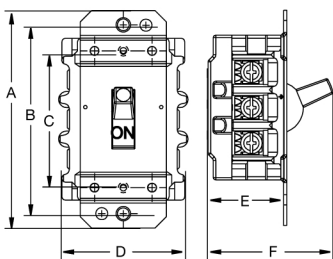
Description	Catalog Number
Finger guards, red, for use with 30, 40 and 50 amp switches (set of 2)	<b>30003FG</b>



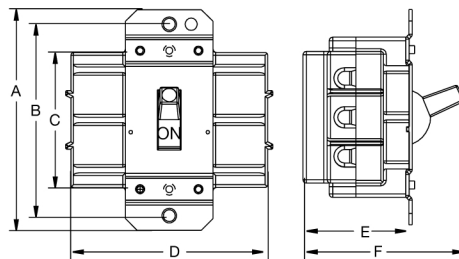
30003FG

## Product Dimensions Inches (mm)

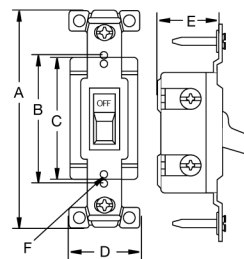
	30002D, 30003D, 40002D, 40003D, 50002D, 50003D	60002D, 60003D, 85002D, 85003D	4002
A	3.78" (96.0)	3.78" (96.0)	4.06" (103.1)
B	3.28" (83.3)	3.28" (83.3)	2.38" (60.5)
C	2.38" (60.4)	2.38" (60.4)	2.26" (57.4)
D	3.56" (90.4)	2.25" (57.2)	1.30" (33.0)
E	1.92" (48.8)	1.53" (38.9)	1.11" (28.2)
F	2.83" (71.9)	2.43" (62.0)	(2) #6-32 TAP



30002D, 30003D, 40002D, 40003D, 50002D, 50003D



60002D, 60003D, 85002D, 85003D



4002

# Motor Control Products

## NEMA 1 and 3/3R Enclosed AC Manual Motor Controllers/Disconnects



**30313D**

### 30313D

- Die cast aluminum enclosure, gray zinc powder coat finish
- Heavy duty flip lid, 3-sided protection
- Lockout/tagout capability

### 30303D

- All aluminum cover and base, base is pre-drilled for rear surface mounting
- Raintight enclosures
- Lockout/tagout capability



**30303D**

## Enclosed AC Manual Motor Controllers/Disconnects



Enclosed Switch Motor Controllers/Disconnects					NEMA 1	NEMA 3/3R		NEMA 3R	
Ideal for use in:					Indoor Environments	Outdoor Equipment		Outdoor Environments	
Poles	HP Rating				30A	Thermoplastic	Aluminum Cast	30A	60A
	120V AC	240V AC	480V AC	600V AC		30A			
2	2	5	10	15	<b>30102D</b>	<b>30322D*</b>	<b>30312D</b>	<b>30302D</b>	—
3	3	7.5	15	20	<b>30103D</b>	<b>30323D*</b>	<b>30313D</b>	<b>30303D</b>	—
2	—	10	15	20	—	—	—	—	<b>60302D</b>
3	—	10	25	30	—	—	—	—	<b>60303D</b>

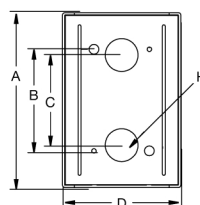
Note: \*Drill weephole to alter from NEMA 3 to NEMA 3R.

## Enclosures Without Controller/Disconnect

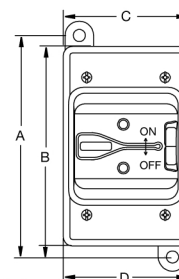
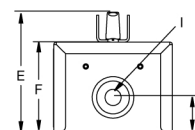
NEMA 1	NEMA 3R	
Use with 30002D and 30003D	For 30A, use with 30002D and 30003D	For 60A, use with 60003FWD
<b>30100</b>	<b>30300</b>	<b>60300</b>

## Product Dimensions Inches (mm)

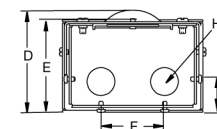
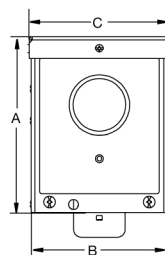
	30102D, 30103D, 3100	30322D, 30323D	30302D, 30303D, 30300	60302D, 60303D, 60300
A	4.72" (120.0)	5.42" (137.7)	5.52" (140.2)	10.11" (256.8)
B	2.75" (69.8)	4.76" (120.9)	4.28" (108.7)	4.28" (108.7)
C	2.44" (61.9)	2.99" (75.9)	4.40" (111.8)	4.40" (111.8)
D	3.20" (81.2)	2.22" (56.4)	3.30" (83.3)	3.30" (83.8)
E	3.15" (80.0)	4.55" (115.6)	2.75" (69.9)	2.75" (69.9)
F	2.41" (61.3)	2.99" (75.9)	1.99" (50.5)	2.00" (50.8)
G	0.92" (23.2)	—	1.06" (26.9)	1.52" (38.6)
H	(2) ½" (12.7) Knockouts	—	(2) ¾" Knockouts	(2) ¾" X 1" Knockouts
I	½ x ¾" Knockout each end	—	—	—



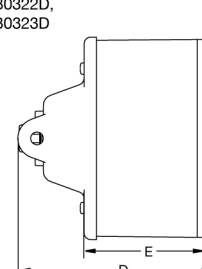
30102D, 30103D



30322D, 30323D



30302D, 30303D, 30300, 60302D, 60303D, 60300



## Rotary AC Manual Motor Controllers/Disconnects

**TECH·SPEC®**



66033D

30003FG

- Ideal motor controller suitable as a disconnect
- Rotary controllers can be built into equipment and enclosures for either box or panel-mount installation
- Provides high resistance to electrical arc tracking
- Thermoset body withstands high temperatures
- Superior dielectric strength
- #10 brass terminal screw and clamping plate for secure back or side wiring
- Optional side guard, for close wall applications and finger safe environments

## Rotary AC Manual Motor Controllers/Disconnects



66032D



66042D



66062D

Poles	HP Rating				30A		40A		60A	
	120V AC	240V AC	480V AC	600V AC	Back and Side Wired		Side Wired		Back Wired	
2	2	5	10	15	<b>66032D</b>		<b>66042D</b>		—	
3	3	7.5	15	20	<b>66033D</b>		<b>66043D</b>		—	
2	—	10	15	20	—		—		<b>66062D</b>	
3	—	10	25	30	—		—		<b>66063D</b>	

## Accessories



30003FG



6610MK



664XWP

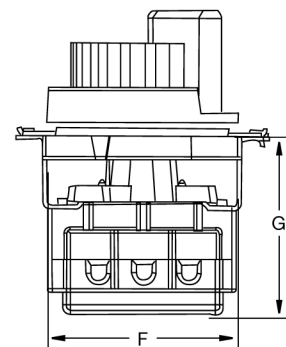
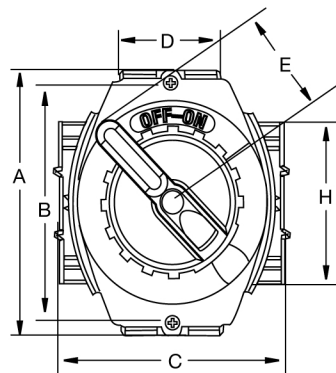


660AC

Accessory	Finger Guards	Handle Kit	Weatherproofing Kit	Auxiliary Contact
Description	For use with 30-50A switches (set of 2)	For rotary switch, includes handle, shaft, mounting brackets and required screws	For rotary switch, includes 4 seals, neoprene bushing and 3 "O" rings	NO/NC, includes 1 contact for use with push-on terminals
Catalog Number	<b>30003FG</b>	<b>6610MK</b>	<b>664XWP</b>	<b>660AC</b>

## Product Dimensions Inches (mm)

	66032D, 66033D, 66042D, 66043D with Handle Kit 6610MK	66062D, 66063D with Handle Kit 6610MK
A	3.78" (96.0)	3.78" (96.0)
B	3.40" (86.4)	3.40" (86.4)
C	3.09" (78.5)	3.56" (90.3)
D	1.50" (38.1)	1.50" (38.1)
E	1.56" R. (39.6 R.)	1.56" R. (39.6 R.)
F	2.81" (71.4)	2.81" (71.4)
G	2.44" (61.9)	2.96" (75.2)
H	—	2.31" (58.7)



# Motor Control Products

## NEMA 4X Enclosed Rotary Motor Controllers/Disconnects



664S33D

### 664S33D

- 304 stainless steel enclosure, chemical and corrosion-resistant
- PBT handle and collar, chemical and impact resistant
- Lockout/tagout capability

### 664X63D

- Undrilled case allows custom placement of entry positions with normal tools and knockouts
- All thermoplastic, non-corrosive, non-metallic enclosure
- Clearly identified "ON/OFF" indicators



664X63D

## Enclosed Rotary Motor Controllers/Disconnects



664S33D



664S63D



664X33D



664X63D

		NEMA 4X							
		Stainless steel enclosures ideal for use in environments where washdown is necessary (i.e., food processing, laboratories, etc.)		Non-metallic enclosures used primarily in heavy wash-down and corrosive environments					
Poles	HP Rating				30A	60A	30A	40A	60A
	120V AC	240V AC	480V AC	600V AC					
2	2	5	10	15	—	—	—	—	—
3	3	7.5	15	20	<b>664S33D</b>	—	<b>664X33D</b>	<b>664X43D</b>	—
3	—	10	25	30	—	<b>664S63D</b>	—	—	<b>664X63D</b>

Note: \*Drill weephole to alter from NEMA 3 to NEMA 3R.

## Accessories



30003FG



660AC



664XFT

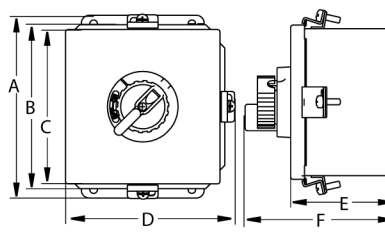


6603N

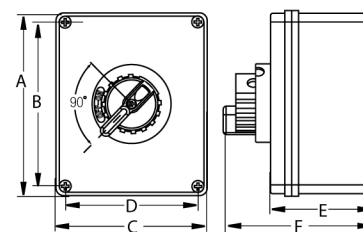
Accessory	Finger Guards	Auxiliary Contact	Mounting Feet	Neutral Buss Connector
Description	For Use with 30-50A Switches (set of 2)	NO/NC, Pilot Duty	For NEMA 4X Enclosure	For NEMA 4X Enclosure
Catalog Number	<b>30003FG</b>	<b>660AC</b>	<b>664XFT</b>	<b>6603N</b>

## Product Dimensions Inches (mm)

	664S33D	664S63D	66X33D, 66X43D	66X63D
A	7.44" (189.0)	9.44" (239.8)	6.70" (170.2)	9.00" (228.6)
B	6.75" (171.5)	8.75" (222.3)	6.00" (152.4)	8.30" (210.8)
C	6.00" (152.4)	8.00" (203.4)	5.50" (139.7)	5.50" (139.7)
D	6.96" (176.8)	6.95" (176.5)	4.80" (121.9)	4.80" (121.9)
E	4.00" (101.6)	4.00" (101.6)	5.55" (141.0)	5.55" (141.0)
F	6.10" (154.9)	6.10" (154.9)	3.80" (96.5)	3.80" (96.5)
G	4.25" (108.0)	4.25" (108.0)	—	—



664S33D, 664S63D



664X33D, 664X63D

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