

SPEED SWITCHES

★ DESCRIPTION — Bulletin 808 Speed Switches are furnished in two enclosure types; NEMA Type 1, 4 and 13 or NEMA Type 7 & 9. They are supplied in either of two contact arrangements; two normally open (2 N.O.) or two normally closed (2 N.C.). Two speed ranges are available: 20-80 and 50-1000 RPM. Modifications include a lockout solenoid and three types of mounting brackets, either factory installed or in kit form for user installation.

CAUTION — To avoid electrical shock and/or unintended operation of equipment, disconnect all power to the speed switch and controlled equipment before any maintenance or repair of the speed switch.

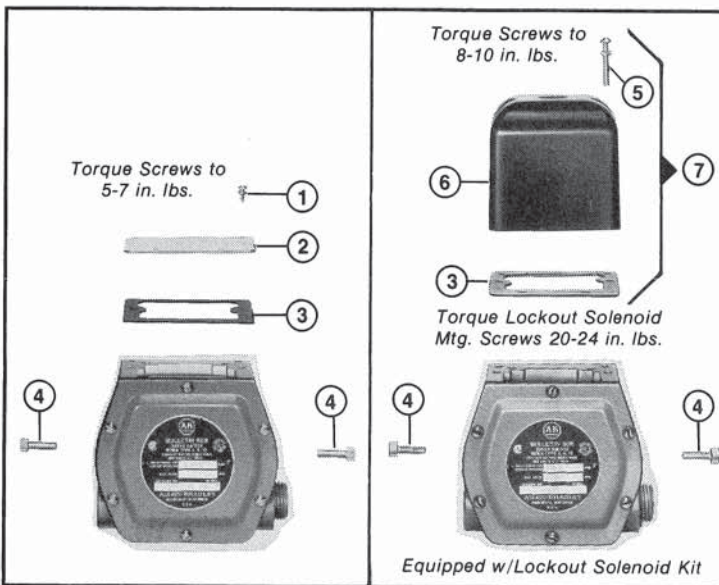
MAINTENANCE — Periodic inspection of the shaft seal is suggested. If seal wear is evident, replace with External Bearing Seal Kit Catalog Number 808-N5. Installation instructions are included with replacement kit.

CAUTION — Do not attempt to disassemble the shaft assembly. Any such attempt may permanently damage the Speed Switch.

Bearings are the permanently lubricated type. In severe environments, such as cement dust, the shaft seal should be cleaned and lubricated with "Andersol 757" or equivalent. "Andersol 757" is a synthetic diester multi-purpose grease.

CONTACT RATINGS —

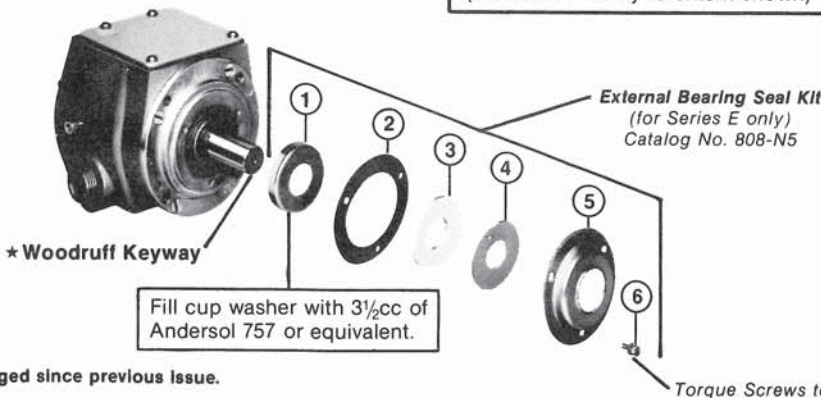
AC NEMA RATING DESIGNATION B600					DC		
Max. AC Voltage	Amperes		Continuous Carrying Current	Voltamperes		Max. Voltage	Amperes
	Make	Break		Make	Break		
120	30	3.00	5	3600	360	115-125 230-250	0.12 0.08
240	15	1.50	5	3600	360		
480	7.5	0.75	5	3600	360		
600	6	0.60	5	3600	360		



RENEWAL PARTS		
Item	Description of Part	Part No.
1	#6-32 x 5/16" Screw w/Washer (4 Req'd.)	—
2	Top Plate (only) Not Available	A-37864
3	Gasket (only) Not Available	F-16652
4	Adjustment Screw (NEMA Type 1, 4) Not Available	M-7852
	Adjustment Screw (NEMA Type 7 & 9) Not Available	M-7381
5	#8-32 x 1" R.H.M.S. (2 Req'd.)	—
	#8 Spring Washer (2 Req'd.)	—
6	Lockout Solenoid Cover (only) Not Available	F-16902
7	Lockout Solenoid Kit	See Table

LOCKOUT SOLENOID KIT					
Volts	Hz	Catalog No.	Volts	Hz	Catalog No.
120	60	808-NLA1	480	60	808-NLA4
110	50		440	50	Not Available
208	60	808-NLA20	600	60	808-NLA6
240	60	Not Available	550	50	Not Available
		808-NLA2			
220	50	Not Available			Not Available

DO NOT ATTEMPT TO DISASSEMBLE SHAFT ASSEMBLY
(disassemble only to extent shown)



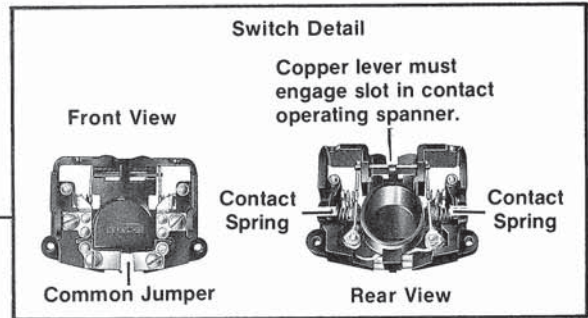
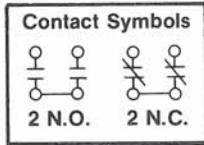
EXTERNAL BEARING SEAL KIT	
Item	Description of Part
1	Cup Washer
2	Gasket
3	Felt Washer
4	Polyurethane Washer
5	Dust Cover
6	(3) #6-32 x .312" Fillister Head Screws w/Washers

★ Changed since previous issue.

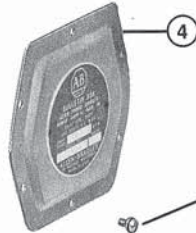
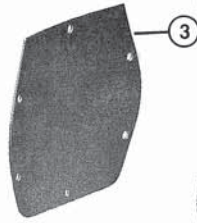
■ Also used on NEMA Type 4 series identification letters, A, B, or C.

Copper lever must be centered to permit installation of switch assembly.

Adjustment screws must be backed-out until flush with inside wall to permit removal and replacement of switch assembly.



1
#8-32 x 5/8" R.H.M.S.
#8 Spring Washer (2 Req'd.)
Torque to 8-10 in. lbs.



#6-32 x 5/16" Screw w/Washer (6 Req'd.)
Torque to 5-7 in. lbs.

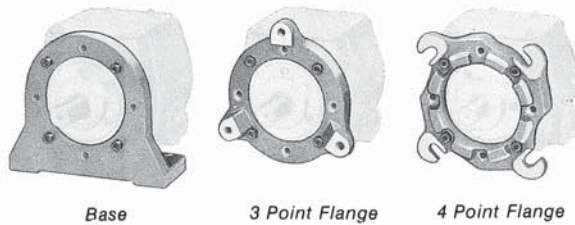
NOTE — The contacts are fed electrically thru a common terminal jumper. (See switch assembly detail, front view illustration.) If isolated contacts are desired — remove jumper and wire to each terminal.

ORDERING INFORMATION — Your order cannot be processed unless the following information is given: Part number, description of part, catalog number and series number or letter of switch.

RENEWAL PARTS				
Item No.	1	2	3	4
Bulletin 808	Switch Assembly (Includes Contact Springs)	Contact Springs (2 Req'd)	Cover Gasket	Cover
* Style	Series Identification Letter	Part No.	Part No.	Part No.
C-CL	A-B-C	X-332580	B-15118	
	D-E	X-332581	Not Available	
D-DL	A-B-C	X-332582	B-15119	
	D-E	X-332583	Not Available	
E-EL	A-B-C	X-332584	B-15118	
	D-E	X-332585	Not Available	
F-FL	A-B-C	X-332586	B-15119	
	D-E	X-332587	Not Available	
G-GL	A-B-C	Not Available X-332588	Not Available	F-16651 A-37863
	D-E	X-332589	B-26679	Not Available
H-HL	A-B-C	X-332584	Not Available	
	D-E	X-332585	B-15118	
J-JL	F	X-332589	Not Available	
K-KL	F	X-332585	B-15118	Not Available
M-ML	F	X-332583	B-15119	Not Available
R-RL	F	X-332587	B-15119	Not Available

NOTE — Parts indicated with are recommended spare parts.

Interchangeable Mounting Brackets



MOUNTING BRACKETS	
Type of Mtg.	Catalog No.
Base	808-N1
3 Point Flange	808-N2
4 Point Flange	808-N3
Base (NEMA 7 & 9)	X-268875
	Not Available

* Added since previous issue.

Installation instructions are included with brackets.