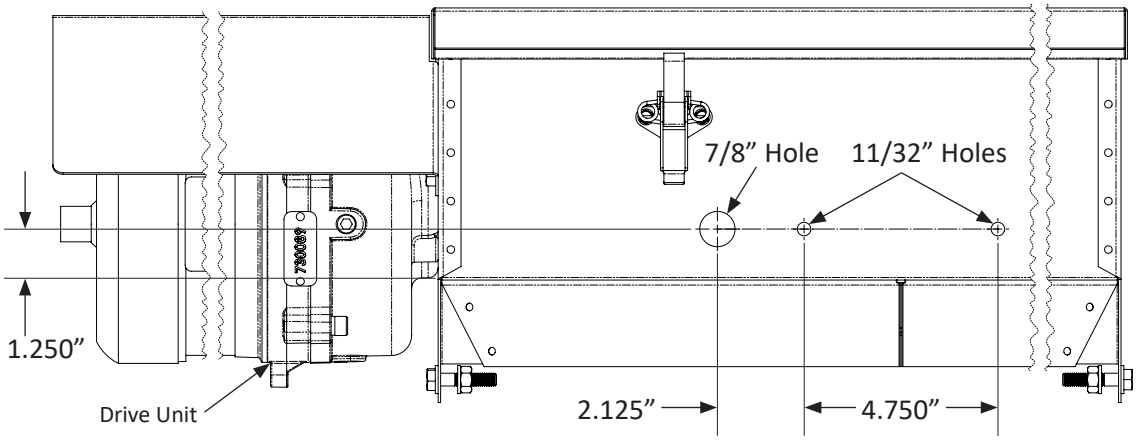
Discharge Cap Prox Kit
506222
Installation Instructions Quicksheet

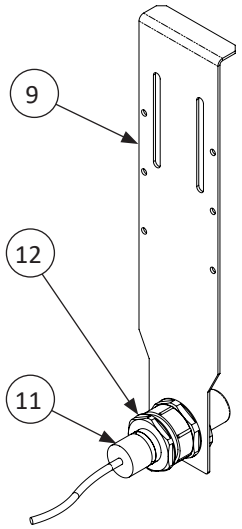
Discharge Cap Prox Kit - Assembly Instructions

NOTE: See ***Feed Bin Manual & Flexible Auger Manual*** for additional assembly instructions and hardware.

1. Premark mounting holes for slots in item 9 and drill (1) 7/8” hole and (2) 11/32” holes into one side of the discharge cap, at the dimensions shown below.

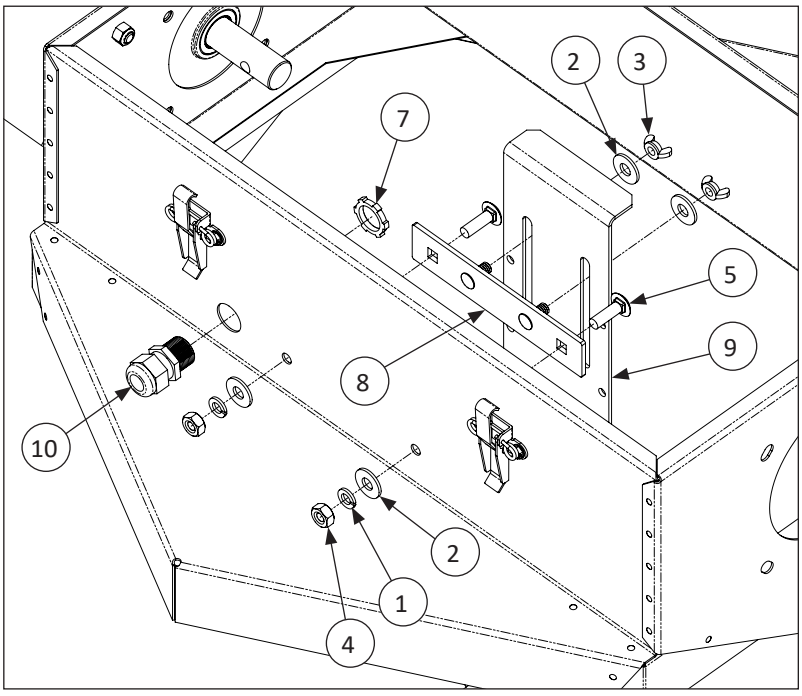
   NOTE: Install the sensor on the side where the drive is on the left, as shown below.





NOTE: Items 9, 11, 12 arrive pre-assembled from the factory.

2. Fasten pre-assembled items 9, 11, and 12 to item 8 using (2) each of hardware items 2 and 3, as shown in the image to the right.
3. Fasten assembled items 8, 9, 11, and 12 to the (2) 11/32” drilled holes in the discharge cap using (2) each of hardware items 1, 2, 4, and 5, as shown in the image to the right.
4. Fasten item 10 to the 7/8” drilled hole in the discharge cap using item 7, as shown in the image to the right to complete the assembly.
5. Use supplied cable ties to secure the wire from the Prox Sensor to the holes provided in item 9.



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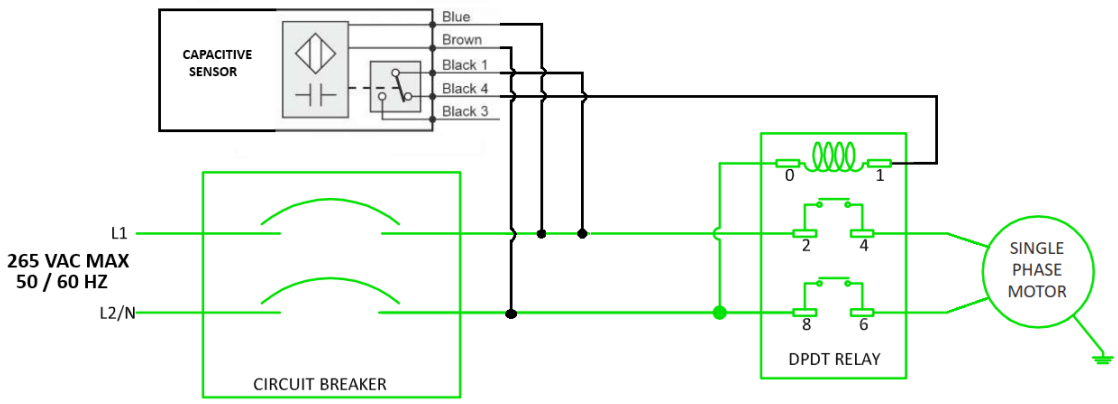
Proximity Sensor Wiring Diagrams

WIRING MUST BE DONE BY A LICENSED ELECTRICIAN.

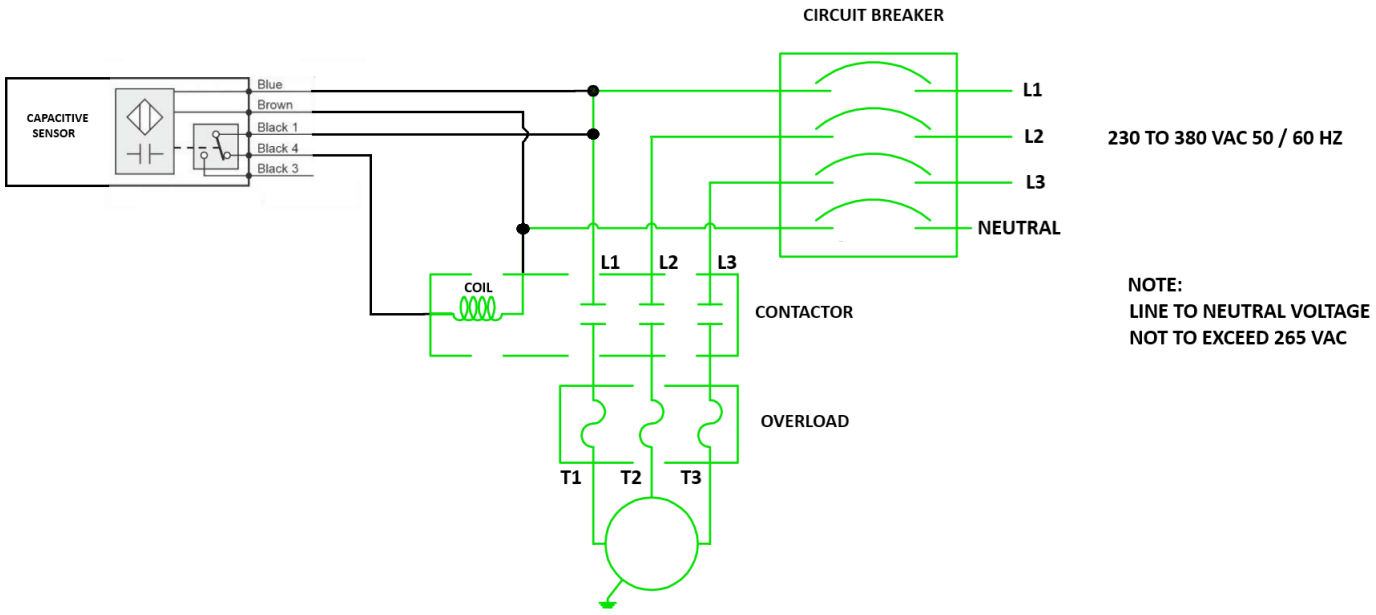
ALL LOCAL CODES MUST BE FOLLOWED!

RELAYS/COILS MUST BE INTEGRATED AS SHOWN.
PROXIMITY SENSOR NOT TO DIRECT/SWITCH MOTOR LOAD.

Single Phase



Three (3) Phase - 230 to 380 VAC 50 / 60 Hz



Enclosure, overload, contactor, relay, and wire are not included and are to be sourced by the customer.

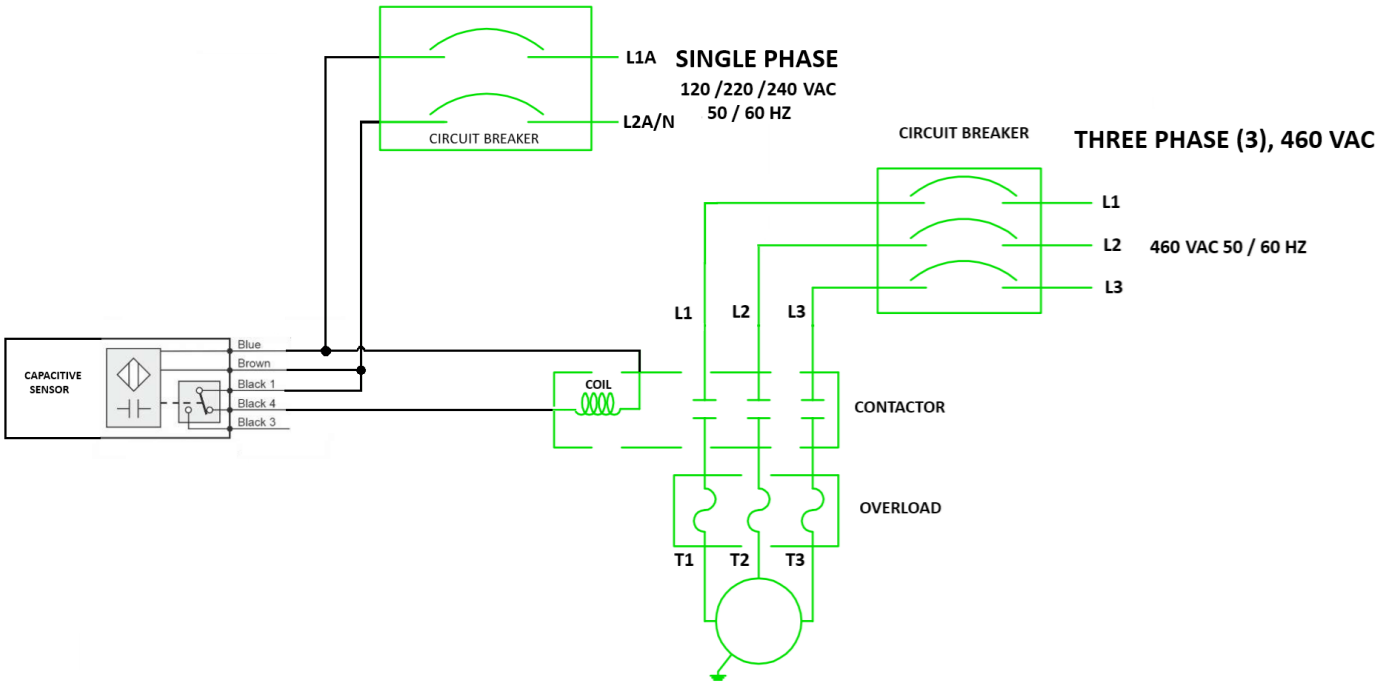
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WIRING MUST BE DONE BY A LICENSED ELECTRICIAN.

ALL LOCAL CODES MUST BE FOLLOWED!

RELAYS/COILS MUST BE INTEGRATED AS SHOWN.
PROXIMITY SENSOR NOT TO DIRECT/SWITCH MOTOR LOAD.

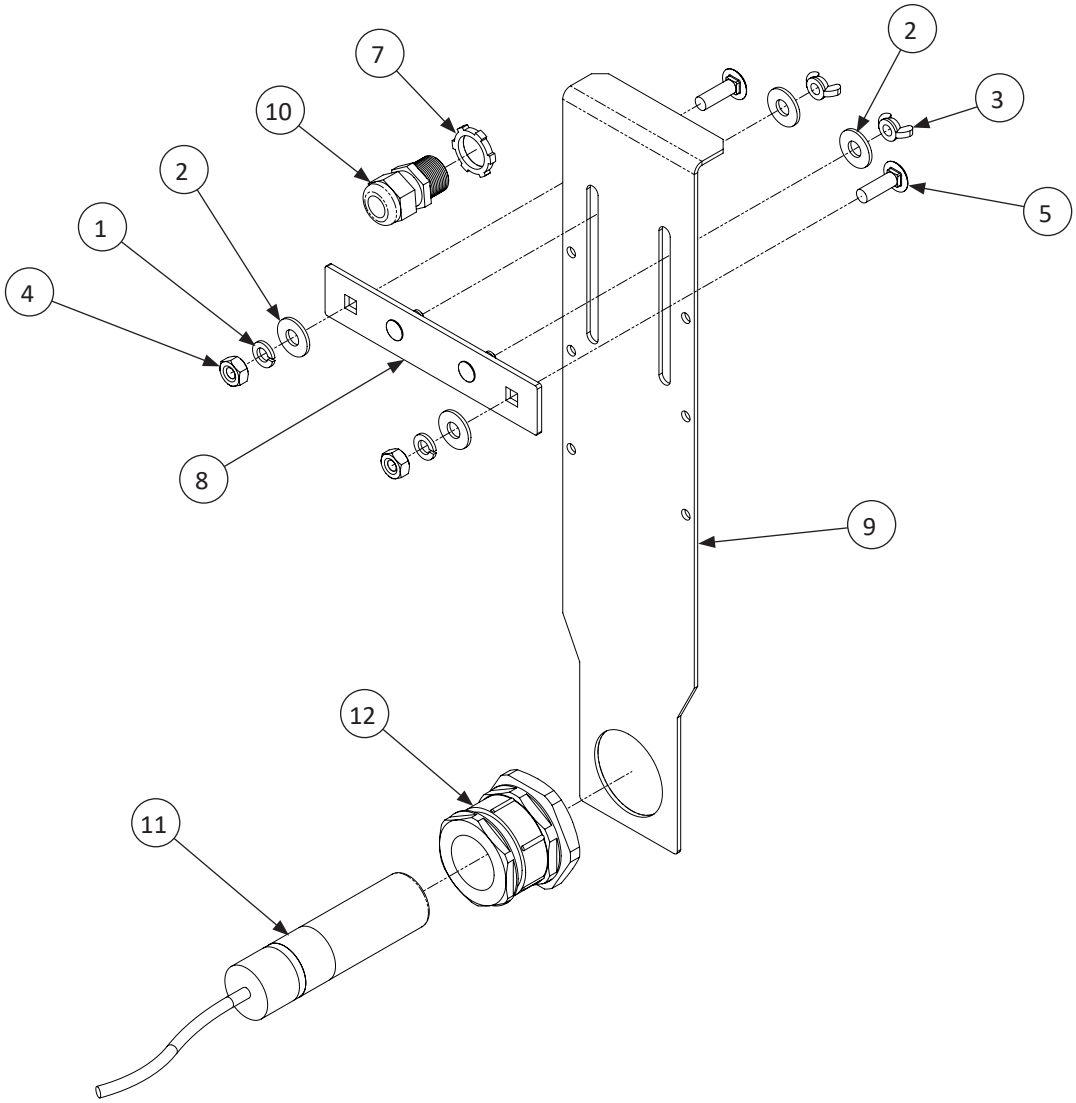
Three (3) Phase - 460 VAC 50 / 60 Hz



Enclosure, overload, contactor, relay, and wire are not included and are to be sourced by the customer.

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Discharge Cap Prox Kit - Parts List



KEY	PART #	DESCRIPTION	QTY
DISCHARGE CAP PROX KIT (506222)			
1	010252	5/16" LOCK WASHER	2
2	010426	5/16" FLAT WASHER	4
3	010944	5/16-18 WING NUT	2
4	011114	5/16-18 HEAVY HEX NUT	2
5	011454	5/16-18 X 1" CARRIAGE BOLT	2
6	012800	NYLON CABLE TIE, 8" LONG X 18" WIDE	2
7	420473	1/2" CONDUIT NUT	1
8	506223	MOUNT BRACKET	1
9	506224	PROX MOUNT BRACKET	1
10	750030	STRAIGHT-THRU GROMMET	1
11	750418	PROX SENSOR, 44R-33, 90-265V	1
12	750419	PLASTIC GLAND FOR SKOV	1