| Type<br>of<br>Oper-<br>ator | Phase     | Size    | Maximum Horsepower Rating  Motor Voltage |          |       |             |                 |             |             | Open<br>Type<br>without<br>Enclosure | Type 1<br>General<br>Purpose<br>Enclosure<br>Surface | Type 12<br>Dusttight<br>Industrial<br>Use<br>Enclosure | Type 4/4X<br>Watertight,<br>Corrosion-<br>Resistant<br>Enclosure | Hazardous L   | ocations        |
|-----------------------------|-----------|---------|--|----------|-------|-------------|-----------------|-------------|-------------|--------------------------------------|--|--|--|---|-----------------|
|                             |           |         |  |          |       |             |                 |             |             |                                      |  |  |  | Enclosure Class I, Groups C & D<br>Class II, Groups E, F & G -<br>Divisions 1 & 2 |                 |
|                             |           |         | AC,<br>60 Hz                             |          |       |             | AC,<br>50<br>Hz | DC          |             |                                      | Mounting∗  |  | Fiberglass-<br>Reinforced<br>Polyester§                          | Type 7 & 9  | Type 3R, 7 & 9♣ |
|                             |           |         | 115V                                     | 200V     | 230V  | 460<br>575V | 380<br>415V     | 115<br>125V | 230<br>250V | Cat. No.                             | Cat. No.   | Cat. No.   | Cat. No.   | Cat. No.  | Cat. No.        |
| Push<br>Button              | 1 Ø       | 0       | 1  | -        | 2     | -           | _               | _           | _           | 609-AOX                              | 609-AAX  | 609-AJX  | 609-ACX  | 609-AEX   | 609-AHX         |
|                             |           | 1       | 2  | _        | 3     | -           | -               | -           | -           | 609-BOX                              | 609-BAX  | 609-BJX  | 609-BCX  | 609-BEX   | 609-BHX         |
|                             |           | 1 P     | 3  | _        | 5     | _           | _               | _           | _           | 609-XOX                              | 609-XAX  | 609-XJX  | 609-XCX  | 609-XEX   | 609-XHX         |
|                             | 3 Ø       | 0       | -  | 3        | 3     | 5           | 5               | -           | -           | 609-AOW                              | 609-AAW  | 609-AJW  | 609-ACW  | 609-AEW   | 609-AHW         |
|                             |           | 1       | -  | 7-1/2    | 7-1/2 | 10          | 10              | -           | -           | 609-BOW                              | 609-BAW  | 609-BJW  | 609-BCW  | 609-BEW   | 609-BHW         |
| Toggle<br>Lever             | 1 Ø       | 0       | 1  | -        | 2     | _           | -               | -           | -           | 609T-AOX                             | 609T-AAX   | -  | -  | -   | _               |
|                             |           | 1       | 2  | _        | 3     | _           | _               | _           | -           | 609T-BOX                             | 609T-BAX   | -  | -  | _   | _               |
|                             |           | 1 P     | 3  | _        | 5     | _           | _               | _           | -           | 609T-XOX                             | 609T-XAX   | -  | -  | _   | _               |
|                             | 3 Ø       | 0       | -  | 3        | 3     | 5           | 5               | -           | -           | 609T-AOW                             | 609T-AAW   | -  | -  | -   | _               |
|                             |           | 1       | _  | 7-1/2    | 7-1/2 | 10          | 10              | _           | -           | 609T-BOW                             | 609T-BAW   | -  | -  | _   | _               |
| Push<br>Button              | DC‡       | 0       | -  | -        | -     | _           | _               | 1           | 1-1/2       | 609D-AOZ                             | 609D-AAZ   | -  | 609D-ACZ   | 609D-AEZ  | 609D-AHZ        |
|                             |           | 1       | _  | _        | _     | -           | _               | 1-1/2       | 2           | 609D-BOZ                             | 609D-BAZ   | _  | 609D-BCZ   | 609D-BEZ  | 609D-BHZ        |
| Toggle<br>Lever             | DC‡       | 0       | _  | _        | _     | -           | _               | 1           | 1-1/2       | 609DT-AOZ                            | 609DT-AAZ  | _  | _  | _   | -               |
|                             |           | 1       | -  | -        | -     | _           | _               | 1-1/2       | 2           | 609DT-BOZ                            | 609DT-BAZ  | -  | _  | -   | _               |
| Bulletin 6                  | 09RS — Ma | anual F | Reversin                                 | g Switch | nes   |             |                 |             |             |                                      |  |  |  |   |                 |
| Push<br>Button              | 3 Ø       | 0       | _  | 3        | 3     | 5           | 5               | _           | _           | 609-AOW21                            | 609-AAW21  | _  | -  | -   | _               |
|                             |           | 1       | -  | 7-1/2    | 7-1/2 | 10          | 10              | _           | _           | 609-BOW21                            | 609-BAW21  | _  | _  | _   | _               |
| Toggle<br>Lever             | 3 Ø       | 0       | -  | 3        | 3     | 5           | 5               | _           | _           | 609T-AOW21                           | 609T-AAW21   | _  | _  | _   | _               |
|                             |           | 1       | -  | 7-1/2    | 7-1/2 | 10          | 10              | _           | _           | 609T-BOW21                           | 609T-BAW21   | _  | _  | _   | _               |
| Bulletin 6                  | 09TS — Ma | anual 2 | 2-Speed                                  | Switche  | es.   |             |                 |             |             |                                      |  |  |  |   |                 |
| Push<br>Button              | 3 Ø       | 0       | _  | 3        | 3     | 5           | 5               | _           | _           | 609-AOW22                            | 609-AAW22  | _  | -  | -   | _               |
|                             |           | 1       | _  | 7-1/2    | 7-1/2 | 10          | 10              | _           | _           | 609-BOW22                            | 609-BAW22  | _  | _  | _   | _               |
| Toggle<br>Lever             | 3 Ø       | 0       | _  | 3        | 3     | 5           | 5               | _           | _           | 609T-AOW22                           | 609T-AAW22   | _  | _  | _   | _               |
|                             |           | 1       | _  | 7-1/2    | 7-1/2 | 10          | 10              | _           | _           | 609T-BOW22                           | 609T-BAW22   | _  | _  | _   | _               |

<sup>\*</sup> Type 1 general purpose flush mounting enclosures with pull box are also available. Order as follows. Change the second letter of the listed cat. no. from A to L. Example: Cat. No. 609-ALX. For a stainless steel flush plate, change the second letter of the listed cat. no. from A to Q. Example: Cat. No. 609-AQX.

lacktriangle These enclosures include a cover gasket and drain. It is recommended that a breather also be installed.

| Breather                   | Cat. No. 1401-N1 | (Can be installed at the top of an enclosure.)                                    |
|----------------------------|------------------|---|
| Drain                      | Cat. No. 1401-N2 | (Can be installed at the bottom of an enclosure.)                                 |
| Breather-Drain Combination | Cat. No. 1401-N3 | (Can be installed at the top of an enclosure as a breather or bottom as a drain.) |

## **Pilot Light Kits**

Kits are available for field installation of pilot lights in Type 1 General Purpose surface or flush mounting enclosures. As standard, a clear pilot light lens is supplied. Pilot lights are not available for Bulletin 609RS or 609TS manual starters.

| Volts [V] | Cat. No. |
|-----------|----------|
| 120       | 609-N10  |
| 240       | 609-N20  |
| 480       | 609-N40  |
| 600       | 609-N60  |

## **Pilot Lights Factory Installed**

To order, add the following suffix code after the last letter in the listed Cat. No. Example: Cat. No. 609-AAXD4. Available for Type 1 General Purpose Enclosure only.

<sup>‡</sup> DC manual starters are not UL listed.

<sup>§</sup> Fiberglass-reinforced polyester hubs are included with each starter.