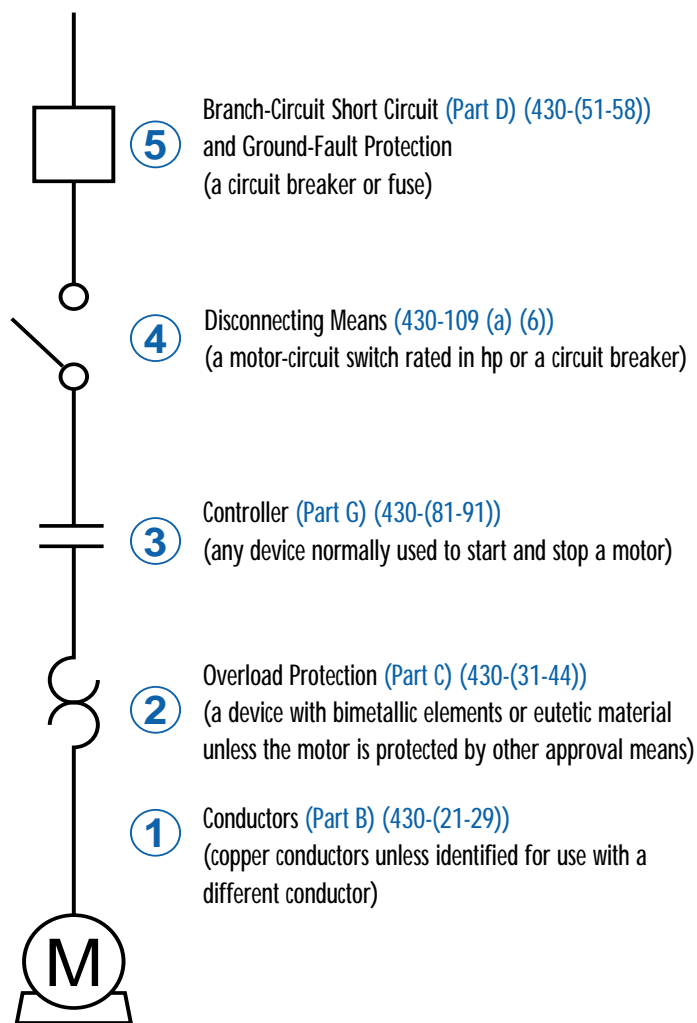


## Simplified Guidelines for Motor Branch Circuits as per National Electrical Code® (NEC®) Section 430



### BASIC ELEMENTS OF A MOTOR LOAD CIRCUIT



### SUGGESTED USES FOR V-EA AND MA-MCBs/ MANUAL MOTOR CONTROLLERS

#### V-EA Series Uses:

- Disconnect Means ④
- Controller ③
- Combination of Controller and Overload Protection ② & ③
- Combination of Controller and Disconnecting Means ③ & ④

#### Note:

For Combination of Controller, Disconnecting Means and Overload Protection ②, ③, & ④ please check with the local NEC® inspector for your area.

#### MA Series Uses:

- Controller ③
- Combination of Controller and Overload Protection ② & ③

#### Note:

Additional short circuit protection is provided by the integral magnetic trip feature.

Although these elements are shown separately, there are certain cases where the code will permit a single device to serve more than one function.

Please check if NEC® will permit a combination of these elements for your specific applications in a single device.