

Disconnect Switches – Fused and Non-Fused

PART 1 GENERAL

1.1 Related Work

- | | | |
|----|--|------------------|
| .1 | Basic Electrical Materials and Methods | Section 26 05 01 |
| .2 | Mechanical Equipment Connections | Section 26 05 80 |
| .3 | Fastenings and Supports | Section 26 05 29 |

1.2 Submittals

- .1 Submit shop drawings and product data in accordance with Section 26 05 01.

PART 2 PRODUCTS

2.1 Disconnect Switches

- .1 Fusible and non-fusible disconnect switches in EEMAC Type 3R and 4X, size as indicated.
- .2 Process areas, Cooler, Cutting, and Packaging Areas: Fusible and non-fusible disconnect switches shall be EEMAC Type 4X, size as indicated.
- .3 Provision for padlocking in "ON-OFF" position with 3 padlocks. Mechanically interlocked door to prevent opening when handle in "ON" position.
- .4 Mechanically interlocked door to prevent opening when handle in "ON" position.
- .5 Fuse holders: suitable without adaptors, for type and size of fuse indicated.
- .6 Quick-make, quick-break action.
- .7 "ON-OFF" switch position indication on switch enclosure cover.
- .8 Fuses as indicated in accordance with Section 26 28 14.
- .9 Fuse holders in each switch suitable without adaptors, for type of fuse, as indicated.
- .10 Single-phase motor disconnect switches shall be one or two-pole toggle-type, 20 amp, 120/227V AC, brown handle with side and back wiring complete with pilot light.
- .11 Three-phase motor disconnect switches for motors up to 5HP at 208V and 10HP at 600V shall be 3-pole, toggle-operated with surface-mounting enclosure and pilot light, as indicated.
- .12 Three-phase motor disconnect switches for motors above 5HP at 208V or 10HP at 600V shall be 600V non-fusible safety switches, sized as required. Switch shall be non-teasing,

Disconnect Switches – Fused and Non-Fused

quick-make, quick-break type with visible blades, line terminal shield and enclosure, as indicated, with cover interlock and lockable handle.

- .13 Fusible and non-fusible disconnect switches in sprinkler proof enclosure for interior applications, and EEMAC Type 3 enclosure for exterior applications, unless otherwise indicated.

PART 3 EXECUTION

3.1 Installation

- .1 Install motor disconnect switches (complete with fuses) where indicated.
- .2 Install fused circuit disconnect switches where indicated or where required by the inspection authorities and/or for equipment supplied by other trades.

3.2 Identification

- .1 Indicate name of load controlled on Size 4 nameplate to Section 26 05 01.

3.3 Manufacturers

- .1 Acceptable manufacturers: Cutler Hammer, Square D, or equals in accordance with B6.