

PART 1 - GENERAL

1.1 RELATED WORK .1 Electrical General Requirements: Section 26 05 00

1.2 SHOP DRAWINGS AND PRODUCT DATA .1 Submit shop drawings and product data in accordance with Section 01 33 00.

PART 2 - PRODUCTS

- 2.1 DISCONNECT SWITCHES
- .1 Heavy duty, fusible and non-fusible horsepower rated, disconnect switch in size and voltage as indicated.
 - .2 Provision for padlocking in the off switch position by three (3) pad locks.
 - .3 Mechanically interlocked door to prevent opening when handle in ON position.
 - .4 Fuses: size and type as indicated.
 - .5 Fuseholders: 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 Provide equipment identification in accordance with Section 26 05 00.
 - .9 Switches to be stainless steel NEMA enclosure type 4X unless noted otherwise. Switches located in electrical rooms and other dry areas must be of NEMA 12 construction.
 - .10 Provide switches with window to view open/close status of disconnect switch blades.
 - .11 Provide local disconnect switches serving motors controlled by VFD and soft starters complete with one (1) N.O. and one (1) N.C. auxiliary contact (10A @ 120 VAC). Auxiliary contacts to make after and break before main switch contacts.
-

2.1 DISCONNECT SWITCHES

(Cont'd)

.12 Acceptable manufacturers: Square D, Cutler Hammer, Siemens.

2.2 MANUAL TRANSFER SWITCH

- .1 Double-Throw Safety Switch.
- .2 Triple padlocking capability. Two (2) on door and up to three (3) 9mm (3/8") shank locks in 'OFF' (centre) handle position.
- .3 Four (4) pole.
- .4 The handle operating mechanism actuates either the upper or lower switch. When the handle is in the centre position, both switches are OFF.
- .5 The handle and door are interlocked to keep the door closed when a switch is ON and hold the handle OFF when the door is open.
- .6 Heavy duty rated.
- .7 Sprinkler proof enclosure.

PART 3 - EXECUTION

3.1 DISCONNECT SWITCH INSTALLATION

- .1 Install disconnect switches complete with fuses, type, rating as indicated on drawings.
- .2 Install true, plumb and square to building lines.
- .3 Confirm disconnect switch has proper clearance for operation of handle.