

SECTION 16150 - RELAYS

1.0        GENERAL

1.1        DRAWINGS AND GENERAL PROVISIONS OF CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION-1 SPECIFICATION SECTIONS, APPLY TO WORK OF THIS SECTION.

1.2        DIVISION-16 BASIC ELECTRICAL MATERIALS AND METHODS SECTIONS APPLY TO WORK OF THIS SECTION.

1.3        SUBMITTALS: SUBMIT THE PRODUCER'S STANDARD DESCRIPTIVE DATA SHEETS FOR EACH TYPE OF PRODUCT BEING PROVIDED. MARK THE DATA SHEET FOR THE PRODUCT BEING PROVIDED WITH AN IDENTIFYING MARK OR ARROW.

1.3.1      SUBSTITUTIONS - PRIOR APPROVAL REQUIRED.

2.0        PRODUCTS

2.1        ACCEPTABLE PRODUCERS: ALLEN-BRADLEY, GENERAL ELECTRIC CO., CUTLER-HAMMER AND SQUARE D.

2.2        GENERAL: SEE ELECTRICAL DRAWINGS, PANELBOARD SCHEDULES AND CONTROL DIAGRAMS FOR NUMBERS AND TYPES OF RELAYS REQUIRED. RELAYS SHALL BE ELECTRICALLY HELD, UNLESS INDICATED OTHERWISE ON THE DRAWINGS.

2.3        ENCLOSURES: RELAYS MAY BE MOUNTED IN PANELBOARDS OR IN NEMA TYPE 1 ENCLOSURES ADJACENT TO OR ABOVE PANELBOARD.

2.4        POLES: REQUIRED BY CIRCUIT CONTROLLED OR AS INDICATED ON DRAWINGS.

2.5        RATINGS: RATED FOR INDUCTIVE AND RESISTIVE LOAD, OR AS INDICATED ON DRAWINGS.

3.0        EXECUTION

3.1        MOUNTING: FOR RELAYS OUTSIDE PANELBOARDS, FURNISH RELAYS IN ENCLOSURES. THE ENCLOSURES SHALL BE MOUNTED ON WALLS TO SLOTTED ANGLES OR CHANNELS WITH REQUIRED HARDWARE. COMBUSTIBLE MATERIALS FOR MOUNTING ARE NOT PERMITTED.

3.2        CONTROLS: INSTALL AS INDICATED ON DRAWINGS. PROVIDE CONTACTS AS REQUIRED TO PROPERLY CONTROL EQUIPMENT. VERIFY CONTACT TYPES PRIOR TO ORDERING RELAY.

END OF SECTION