



UNILOCK HAZARDOUS LOCATION ENCLOSURE SPECIFICATIONS

1. ENCLOSURE

1.1 MATERIALS

- 1.1.1 Copper free aluminum alloy base and cover for corrosion resistance. Copper content must be 0.1% or less.
- 1.1.2 Stainless steel exterior operating handles.
- 1.1.3 Stainless steel T-Bolt latch coupling.

1.2 COVER SECURING AND LOCKING MEANS

- 1.2.1 V-band coupling to apply uniform holding force between base and cover sections.
- 1.2.2 Single volt V-band to provide fast, easy access to components.
- 1.2.3 T-Bolt latch can be padlocked to guard against unauthorized entry.
- 1.2.4 Latch of the coupling can be located at any convenient point around the flanges.

1.3 FINISH

- 1.3.1 Baked paint coating for extra corrosion resistance.
- 1.3.2 All exterior unpainted non-stainless steel parts plated.

2. DISCONNECTING MEANS

2.1 HANDLE MECHANISM

- 2.1.1 Circuit breaker operating handle can be locked in the off position.
- 2.1.2 Stainless steel operating handle.

2.2 CIRCUIT BREAKER

- 2.2.1 Molded case instantaneous type magnetic trip standard.
- 2.2.2 Current limiter attachments optional.
- 2.2.3 Thermal magnetic breakers optional.

3. MAGNETIC MOTOR STARTER

3.1 CONTACTOR

- 3.1.1 Vertical lift gravity dropout design.
- 3.1.2 Weld resistant, double break contacts of cadmium oxide silver.
- 3.1.3 Primary components molded from wear-resistant Rosite material for long life and corrosion resistance.
- 3.1.4 Hot pressure molded coil for protection from the environment.
- 3.1.5 Phosphate coated, epoxy impregnated magnet for corrosion resistance.

- 3.1.6 Permanent air-gap magnet design to guard against magnet sticking due to residual magnetism.

3.2 OVERLOAD RELAYS

- 3.2.1 Three pole block style relay.
- 3.2.2 Eutectic alloy type.
- 3.2.3 Bimetallic automatic reset, ambient compensated and noncompensated types optional.
- 3.2.4 Test module to allow opening of N.C. contact as standard.
- 3.2.5 "Tamper-proof" provisions: Non-adjustable and not convertible from manual to automatic reset.
- 3.2.6 N.O. alarm circuit contact may be field added.

4. ACCESSORIES — FACTORY OR FIELD MOUNTED

4.1 PILOT DEVICES MOUNTED ON ENCLOSURE BASE

- 4.1.1 Push buttons.
- 4.1.2 Selector switches.
- 4.1.3 Pilot lights.

4.2 CONTROL CIRCUIT TRANSFORMERS

- 4.2.1 Standard electrical sizes as follows:

Starter Size	Standard Transformer Size
0-1-2	75 V.A.
3	200 V.A.
4	250 V.A.
5	350 V.A.

- 4.2.2 Space also available for transformers having 100 watts extra capacity.

4.3 OTHER INTERNAL OPTIONS

- 4.3.1 Pneumatic Timing Relay.
- 4.3.2 Control Relay.
- 4.3.3 Terminal Blocks.

5. INDUSTRY STANDARDS COMPLIANCES

5.1 UNDERWRITERS LABORATORIES

- 5.1.1 U.L. 698 listed.

5.2 NEMA ENCLOSURE STANDARDS

- 5.2.1 NEMA Type 7 — Class I, Groups C and D.
- 5.2.2 NEMA Type 9 — Class II, Groups E, F and G.
- 5.2.3 NEMA Type 3R — Outdoor applications with the addition of a breather and drain.