



DURGA VALVES PVT. LTD.

Ichapur Road Canal Side, Howrah.

Actuator with Integral Starter Data Sheet

Actuator for ON OFF duty with Integral Starters designed as pac with:

- 2 Limit Swatches and of 1 NO+1NC contacts. Contact rating 5A/0.4A at 250V. AC/DC. Encl.: IP66;
- Motor Suitable for 415V, 3Ph, 50Hz AC power supply, class F insulated, Three nos. thermo switches are embedded in stator windings for protection against burn out, Encl: IP 67 after mounting on the actuator (S215Min);
- Hand wheel for emergency manual operation which disengages as soon as motor operation is resumed;
- Auto manual lever with suitable locking arrangement;
- Continuous Local Mechanical Position Indicator for Local indication with reduction gear unit to mount the mechanical position indicator;
- Two cable glands of the size 1¼ "BSC .
- Suitable for ambient temperature for -20°C to 80°C.
- Space Heater will be switched ON when the starters are OFF and shall be switched OFF when the starters are ON.
- Potentiometer 220ohms for remote position indication;
- All switches and motor connections are brought out to a common terminal box for customer connection. Terminals are suitable for accommodating incoming wires upto cross-section of 4 sq. mm for power and 2.5 sq. mm for control.
- Enclosure of actuator – IP67.
- Paint – Epoxy based. Standard shade – DA Grey.

Integral starter unit (e-pac) with:

- # Reversing contractors (Mechanically & Electrically interlocked);
- # Push buttons "OPEN-STOP-CLOSE"
- # Indicator LEDs / lamps for OPEN/CLOSE;
- # Selector switch "LOCAL-OFF-REMOTE" (Lockable at all the three positions)'
- # Individual Local status annunciation LEDs (Color Green) and fault annunciation LEDs (Color Red.)
- # Programmable logic control.
- # Retaining (non-inching) / non-retaining (inching) mode available on the Actuator.
- # Monitor relay for collective fault signal (Potential free) (Thermo switch tripped, Torque switch tripped in mid travel).
- # 24VDC, 150 Sources.

PREPARED BY
PR

SHEET 1 OF 1

DVPL. DOC. No.
ENQ-2007 ACTUATOR

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DATE
15/04/13