

Enclosure	Weatherproof IP67, NEMA 4 and 6, (IP68 option) O-ring sealed
Main power supply	110 / 220—230V AC / 1Ph / 50 / 60Hz ± 10%, 380 / 400 / 440 / V AC / 3Ph / 50 / 60Hz ± 10%
Control power supply	110 / 220—230V AC / 1Ph / 50 / 60Hz ± 10%
Duty Cycle (on-off)	S2: 10Min ~ 30Min / S4: 20 ~ 50%
Duty Cycle (modulating)	S4: 30 ~ 50%, 300 ~ 1200 start / Hour
Motor	Squirrel Caged Induction motor Class F
Limit Switches	2 each for open and close (SPDT 250VAC / 10A rating)
Torque Switches	1 each for open and close (SPDT 250VAC/10A rating except for HTQ100)
Stall protection/ Set temperature	Built in Thermal protection, open 150°C ± 5°C, close 97°C ± 15°C
Travel angle	90° ± 5° (0° ~ 100°)
Position indicator	Continuous mechanical indicator
Handwheel	Yes
Self locking	Provided by double worm gearing(no brake)
Mechanical stopper	1 each for each travel end(open and close),external and adjustable
Space heater	5W (110 / 220—230VAC) for Anti-condensation
Cable entries	2 × PF 3/4"
Ambient temperature	Basic type: -20 °C ~ + 70°C option: -40°C ~ + 100°C
Ambient humidity	10% RH Min, 100% RH Max, Non-Condensing.
Anti vibration	XYZ 10g. 02 ~ 34Hz, 30 minutes
External coating	Dry powder (Polyester)