



ILT2 50 RANGE 6 TECHNICAL DATA

SDEV-FICA 43R0

Range 6

ILT2 50

31/08/2009

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| | Unit | |
|-----------------------------------|-----------------|--|
| Nominal voltage | V | 220 |
| Mini / Max supply voltage | V | 206.4 - 226.8 |
| Voltage Range | | Range 6 |
| Voltage frequency | Hz | 60 |
| Number of wires of the cable | | 3 |
| Wire section | mm ² | 0.75 |
| Phone Cable Connector | | Flat 4 point ; RJ9 type, male plug |
| Electrical insulation | | -- |
| Protection index | IP | 44 |
| Standard | | -- |
| Thermal protection | min | 4 |
| Running time | min | -- |
| Type of Limit Switch Unit | | Electronic |
| Capacity of the Limit Switch Unit | Turns | 300 |
| Repeatability | | < ± 2° |
| Interface drawings | | 206810 : Screw Implantation LT50 206821 : Wheel Interface LT50 206822 : Crown Interface LT50 206823 : Star Head LT50, LT50 PA/PS |
| Basic crown for tube Ø | mm | 50 x 1,5 |
| Infrared protocole | | ARCS - 80 |
| Infrared frequency | kHz | 38 |
| Radio interference | | -- |
| Radio frequency | Mhz | -- |
| Sensitivity | Mhz | -- |
| Modulation type | | -- |
| Radio protocol | | -- |
| Radio range | | -- |
| Capacity of memory | | -- |
| Rolling code | | -- |
| Antenna (length) + (Ø) | mm / inch | -- |
| Range | m / feet | -- |
| Service stress | | -- |
| Safety Security | | -- |
| Electromagnetic compatibility | | IEC 1000 - 4 - 2 IEC 1000 - 4 - 3 [3V/m] IEC 1000 - 4 - 4 [level III] IEC 1000 - 4 - 5 [1kV] IEC 1000 - 4 - 6 [3 V/m] IEC1000 - 4 - 11 IEC 55014 |
| Patents | | -- |
| Temperature working range | °C (°F) | -25°C (-13°F) to +80°C (+176°F) |
| Temperature storing range | °C (°F) | 0°C (32°F) to +60 °C (+140 °F) |
| Duty cycle (at C° / F°) | | -- |
| Noise Level | | According to SOMFY measurements (for information only). Worse value in load up direction during 10 seconds. |

Integration recommendations

- * The noise level depends upon the right fit between customers tubes and accessories, especially the crowns and the wheels.
- * Free plays have to be minimized between the accessories and the end product tube to ensure the performance of the actuator.
- * Interior tube diameter > 47 mm - compatible with LT50 range crowns and wheels -
- * Drive wheel must be popped to the tube

| | | Tests done at 20°C, 230V 50Hz, in a tube of Ø 63 | | | | | | | | | | | | | | | | | | | |
|-------------|-----------|--|----------------------|-----------------------------------|--|--|--|-------------|-------------|-------------|-------------|--|---|--|-------|------------------|------------|--------------|-------------|--|--|
| Designation | Reference | Nm / In.lbs | Nm / In.lbs | Nm / In.lbs | rpm | rpm | rpm | mm / inch | mm / inch | mm / inch | mm / inch | A | A | A | W | C° / F° | Brake type | kg / lbs | Power level | | |
| | | Nominal torque | Nominal stall torque | Maximum stall torque during xx ms | Average speed at nominal load (way Up) | Average speed at nominal load (way Down) | Average speed without load (up and down) | L1 max. | L2 (±3 mm) | L3 max. | Tube | Maximum continuous current consumption | Maximum starting current consumption (during xx ms) | Maximum stall current consumption (during xx ms) | Power | Thermal tripping | | Motor weight | | | |
| 505S6 ILT2 | 200890B | 5 / 3.69 | -- | -- | -- | -- | 38 | 605 / 23.82 | 590 / 23.23 | 613 / 24.13 | 540 / 21.26 | 0.5 | -- | -- | 105 | 140 | sliding | 2.05 / 4.52 | 55 | | |
| 518S6 ILT2 | 200815B | 18 / 13.28 | -- | -- | -- | -- | 20 | 605 / 23.82 | 590 / 23.23 | 613 / 24.13 | 540 / 21.26 | 0.35 | -- | -- | 70 | 150 | sliding | 1.97 / 4.34 | -- | | |

