

ilcoPower SCR10

Fields of application

Combining the economical design of a relay system and the benefits of more sophisticated features such as a safety area or angle protection the *ilcoPower SCR10* is the perfect control system for a wide variety of healthcare applications.

Either fitted into the *ilcoFlexx 581* double actuator or placed in its own slim housing it shows high flexibility for different beds in the medical market – of course fully certified to DIN EN 60601-1:2006.

Product details

- Relay controlled system with additional safety features and functions:
 - Safety Area for height adjustment in order to prevent damage to the bed's frame when going in and out of (Reverse-)Trendelenburg positions
 - The Safety Area offers also an adjustable position to get easily in and out of the bed
 - Angle protection for head section to prevent potentially risky squeezing positions (only for single actuator)
 - First failure detection and signal will inform the patient and caretaker if the system shows a risk of malfunction in order to avoid potential threats to the patient
 - Up to four 9V batteries for faster and reliable emergency lowering of the lying surface in case of emergency
- External power supply *ilcoPower SMPS* with wide range input from 100V to 240V (50/60 Hz) and country specific plugs guarantees high flexibility and increased safety for the patient and caretaker
 - OPTION: Molex connector for easy service and maintenance of the *SMPS*
- Connection possibilities for different additions of the *ilcon* portfolio:
 - 4x DIN connector for *ilcoDrive* single actuator (2x if in combination with *ilcoFlexx 581* double actuator)
 - 2x DIN connectors for accessories such as the *ilcoLight UB* underbed light or *ilcoPower 1.2Ah* battery backup
 - 2x DIN connectors for *ilcoControl IP* handset (1x for *ilcoFlexx 581* solution)
- PA 6.6 housing to protect internal components
 - OPTION: flame retardant V0 material
- Housing available in RAL 7035 (light grey)
- Integrated high quality *Cherry* limit switches for highest safety requirements
- Protection class IPx6 (IPx4 for *ilcoFlexx 581* solution)

Usage / Working conditions

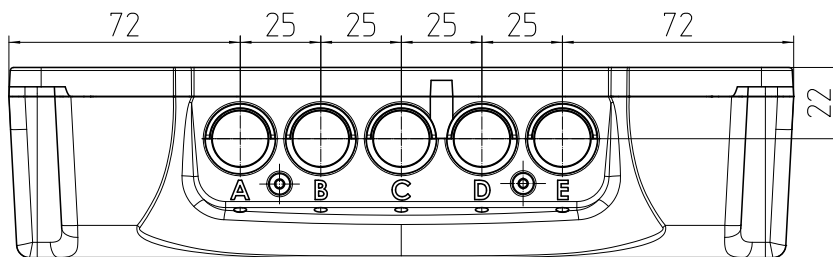
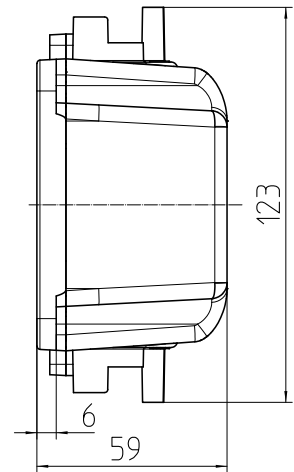
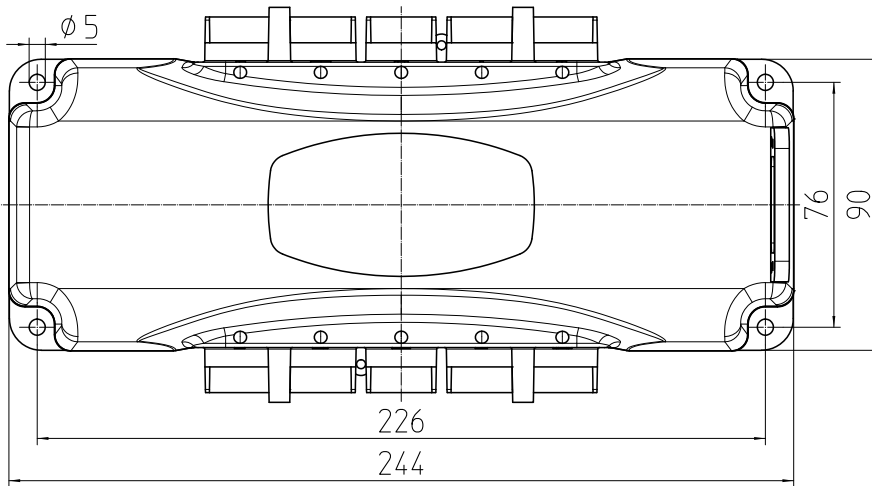
- Duty cycle: Max. 10% (2 min ON, 18 min OFF), max 5 cycles per minute
- Relative humidity from 25% to 85% (no condensation)
- Ambient temperature from 5°C to 35°C
- Atmospheric pressure from 700hPa to 1060hPa (level of ≤3.000m)
- Avoid mechanical shocks and damage
- Do not store outside
- Store in dust-free environment

Full compliance with DIN EN 60601-1:2006

Available as *ilcoFlexx 581* double actuator solution or for *ilcoDrive* single actuators.



Dimensions (all in MM)



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