

Product Data Sheet

The following information outlines performance characteristics and design data. This technical overview supports the product-release checklist. This report extract is prepared for design-verification audits. All data entries are traceable to design revision history. This data sheet provides key specifications and material details. Entries include both mechanical and electrical specifications. Ensure all referenced standards are up to date.

| | |
|---------------|---------|
| Product ID: | XK-610U |
| Internal No.: | 3016562 |

Prepared by: Jan Kowalski | Approved by: Peter Schmidt | Date: 2023-11-06

| | | | |
|---------------|-------------------------|--------------------|---------------|
| Model Type | Pneumatic Control Unit | Operating Pressure | 250 bar |
| Flow Rate | 30 L/min | Supply Voltage | 230 V / 50 Hz |
| Cooling | Air-cooled oil radiator | Total Weight | 250 kg |
| Charging Time | 2 h | | |

Archive this summary for future design-change management. Check that all section headers follow the product template. Material choices and process data have been verified for compliance. All specifications meet the design requirements and industry standards. Data sheet has been peer-reviewed by the engineering team.

Material of Construction:

| | |
|----------------------|------------------------|
| Item | Raw Material |
| Power Switch | Polycarbonate + Copper |
| Heat Sink ALU | Aluminum 6061-T6 |
| Cable Tie Pack (100) | Nitrile Rubber (NBR) |
| Hex Bolts M12 | Zinc-Plated Steel |
| Cooling Gel Pack | Silicone Rubber |
| Digital Display Unit | ABS Plastic |