

WHY CHOOSE ITW SWITCHES FOR YOUR MIL / AERO APPLICATION...

1) Engineering Excellence — ITW Switches started as the Licon division, our specialty is in high-load snap action switches using the Butterfly double-break design for reliable and long lifecycle results. New Product Development includes custom electromechanical assemblies, solid-state sensors for NextGen requirements, or any design / quality / application challenge that you may have. Designs can be modeled using 3D CAD, built using in-house fabrication and rapid prototyping, and testing using our UL-Approved test lab.

Use us for your design needs!

2) Manufacturing Capabilities — Mil / Aero products are produced in Buffalo Grove, IL – the same facility as the engineers that designed the product. Delivery is supported either direct or through our distribution channel with the capability to support Kanban, Just in Time (JIT), and other delivery options.

3) Quality Control — Buffalo Grove facility has MIL-PRF-8805, ISO 9001:2000 and AS900B quality ratings. Our Military QPL products are 100% inspected and we stand behind our product with an industry leading 36 month warranty. Six Sigma certified management maintains high quality with tools such as Failure Modes and Effects Analysis (FMEA), lot control, and traceability.



4) Custom Design — Products are designed to the customer specifications based on particular needs. Specifications can include hermetic seal, high/long life cycle, high actuation force, vibration resistance, capability to withstand high G-forces, IP rating seal, chemical resistance, various connector and harness types, and many more. We are recognized in the industry as both a designer and supplier of high-quality and reliable parts.

5) Service — Our Sales Staff has personnel dedicated strictly to the Mil / Aero Market for specific focus and knowledge in the market. Customer Service provides key customer contact for accurate planning and order entry, fast turnaround on supplier surveys, Defense Federal Acquisition Regulation Supplement (DFARS), and certifications needed, and is there to help you with any questions or needs that you might have.



KEY PRODUCTS

- KAP-16
- KAP-26
- Series-18
- Series-26
- Series-63
- Series-65



APPLICATIONS

- Landing gear
- Missile ejection / activation
- Pilot ejection
- Vehicle brake switches
- Aircraft actuator / contactors
- Aircraft rotary actuator
- Fuel valves

| MILITARY SPECIFICATION NUMBER | MILITARY PART NUMBER | ITW PART NUMBER | NATIONAL STOCK NUMBER | CATALOG PAGE NUMBER |
|-------------------------------|----------------------|------------------|-----------------------|---------------------|
| MIL-PRF-8805/7 | MS25476-1 | 16-188051 | 5930-00-843-0145 | pp 46 – 47 |
| | MS27217-1 | 16-488051 | 5930-00-824-9433 | pp 46 – 47 |
| | MS27217-2 | 16-388051 | 5930-00-435-6626 | pp 46 – 47 |
| MIL-PRF-8805/39 | MS21321-1 | 63-210050 | | call factory |
| | MS21321-2 | 63-210055 | | call factory |
| MIL-PRF-8805/40 | MS24331-1 | 63-210021 | 5930-00-503-3883 | call factory |
| | MS24331-2 | 63-210029 | 5930-00-837-6694 | call factory |
| | MS24331-3 | 63-210028 | | call factory |
| | MS24331-4 | 63-210026 | | call factory |
| | MS24331-6 | 63-210155 | | call factory |
| MIL-PRF-8805/76 | MS27257-1 | 18-488051 | 5930-00-420-8517 | pp 50 – 51 |
| MIL-PRF-8805/77 | M8805/77-001 | 26-888051 | 5930-00-005-7051 | pp 56 – 57 |
| | M8805/77-002 | 26-988051 | 5930-00-127-4224 | pp 56 – 57 |
| | M8805/77-003 | 26-810 | | pp 58 – 59 |
| | M8805/77-004 | 26-910 | | pp 58 – 59 |
| MIL-PRF-8805/80 | M8805/80-01 | 62-200021 | 5930-00-401-6456 | call factory |
| MIL-PRF-8805/84 | M8805/84-001 | 65-230101 | | pp 60 – 61 |
| | M8805/84-002 | 65-330101 | 5930-01-325-8299 | pp 60 – 61 |
| | M8805/84-003 | 65-430101 | 5930-01-123-1471 | pp 60 – 61 |
| | M8805-84-004 | 65-230102 | | pp 60 – 61 |
| | M8805/84-005 | 65-330102 | | pp 60 – 61 |
| | M8805/84-006 | 65-430102 | | pp 60 – 61 |
| MIL-PRF-8805/100 | M8805/100-001 | 63-210175 | | call factory |
| | M8805/100-002 | 63-210176 | 5930-00-332-0780 | call factory |
| | M8805/100-003 | 63-210177 | | call factory |
| | M8805/100-004 | 63-710085 | | call factory |
| | M8805/100-005 | 63-710086 | 5930-00-417-3819 | call factory |
| | M8805/100-006 | 63-710087 | | call factory |
| | M8805/100-007 | 63-210178 | 5930-00-417-5935 | call factory |
| | M8805/100-008 | 63-210179 | | call factory |
| | M8805/100-009 | 63-710088 | 5930-00-417-3684 | call factory |
| | M8805/100-010 | 63-710089 | | call factory |
| | M8805/100-011 | 63-210014 | 5930-01-082-9586 | call factory |
| | M8805/100-012 | 63-210015 | | call factory |
| | M8805/100-013 | 63-710009 | 5930-01-186-0178 | call factory |
| | M8805/100-014 | 63-710010 | 5930-01-199-7192 | call factory |
| | M8805/100-015 | 63-210016 | 5930-01-050-9100 | call factory |
| | M8805/100-016 | 63-210017 | 5930-01-100-8531 | call factory |
| | M8805/100-017 | 63-710011 | 5930-01-114-2944 | call factory |
| M8805-/100-018 | 63-710012 | 5930-01-395-5067 | call factory | |