

Rotary Cam Switches



Cam Switches can be supplied as On-Off, Main, Changeover, Motor Starter, Control, Step, Reversing, Volt and Ammeter, Code, Heating Group or Lighting Switches, as well as a special switch for universal switching duties. As such they are used in a wide array of panels, machinery and electrical equipment.

Features:

- Extensive Range of Rotary Cam Switches
- Current Ratings of 16 - 125A
- Multiple Circuit Configurations Available (Isolator, Changeover, Step Switch etc.)
- Available with Plastic or Metal Enclosures

Our entire range of Rotary Cam Switches and Disconnect Switches are highly reliable and used throughout the world. All Switch Disconnectors are in accordance with IEC/EN 60947-3 (DIN VDE 0660 Teil 107) and allow safe switching and disconnection. They are also certified to UL 508 and CSA 22.2 and as a result are accepted to be used worldwide.

The ML Series Switch Disconnectors are manually operated with a switching angle of 90° and a fixed OFF and ON position. Applications include use as Main Switches/Emergency Off Switches, Service Switches, Repair Switches or as Safety Switches. Auxiliary contacts for control functions are also available.

We also offer a complete range of accessories, including Cable Glands, Sealing Screws and Nuts for Plastic and Aluminium Enclosures.

For a custom switch tailor made to your specification, please contact Techna.



Rotary Cam Switches Technical Specification

Ambient Air Temperature Range (Open)	-25°C to +50°C
Ambient Air Temperature Range (Enclosed)	-24°C to +40°C
Climate Resistance (Constant Damp Heat)	DIN IEC 68 part 2-3
Climate Resistance (Cyclic Damp Heat)	DIN IEC 68 part 2-30
Switching Angle	30, 45, 60 or 90°
Rated Operational Voltage	Up to 690V
Rated Operational Current (AC21A)	10 - 125A
Power Rating (AC3) @ 400V	2.2 - 45kW
Rated Short-Time Withstand Current	95 - 1550A
Current Paths per Contact Chamber	2
Mechanical Life	1,000,000 Cycles
Standards	UL / CSA / IEC 947-3 / EN 60947-3

DC Switch Disconnectors



In addition to our standard range of Cam Switches we are pleased to offer our new range of DC Switch Disconnectors designed specifically for the PV market; the MDC1A Series. These have been designed with high quality contacts to guarantee a superior long life performance and satisfy IEC 60947, CCC and UL508i Standards.

Features:

- Wide Range up to 45A, 1000Vdc
- DC/AC combinations available
- Short Shutting Off Time

Available in a variety of different mounting types and handle styles to suit your requirements, with or without enclosures.

Ordering Scheme

NOTE: Due to the extensive configurations available, a separate catalogue is available for this range on request.