

Cam Switches

General Information



**40 Amp Switch
With PL Style Handle**



**40 Amp Switch
With 3L Style Handle**



**20 Amp Switch
With Key Style Handle**

Advance Controls' Industrial Cam Switches are rugged, manually operated, modular, horsepower rated, UL Listed switches, with isolated positive double break cam operated silver contacts built to international standards to switch motor and other high amperage loads. The switch can be used as a motor control switch, motor reversing switch, motor lockout switch, low cost alternative to a PLC, multi-pole control function switch or power control switch. It can also be tailored to the customer's specific needs.

Industrial Cam Switches consist of one or more modular segments with independent activating cams permitting an infinite variety of contact arrangements. This modular design allows a vast number of switching patterns and contact arrangements, with up to 12 handle positions and switching up to 24 poles. This modular design is a standard feature on all Industrial Cam Switches.

Switches are UL Listed with amp ratings from 20 amps to 630 amps, 600 volt. Through the 100 Series the switches are UL Listed with horsepower ratings to directly control electric motor loads. The switch can start / stop, or reverse electric motors (single or three phase) under load, as a low cost manual motor controller.

The switch can be used as a Safety Lockout Switch. When supplied with the Lockable Handle Assembly, the switch can be padlocked in the "OFF" position with up to 3 padlocks (not furnished) meeting the requirements of OSHA 1910. The switch can be supplied with 2 or 3 poles for single or three phase motors or with 6 poles for two speed motors.

All Cam Switches have an undercut shaft extending 5 mm from the switch face. The undercut shaft accepts a round gasket. Additional square gaskets are available for particular handle assemblies for additional protection. Switches can be environmental protected up to Type 4X (IP65).

The flexibility, rugged construction, UL Listing, amp and horsepower ratings allows the switch to be the solution to a variety of motor control, power flow or control panel applications. They are designed for universal industrial application. They are available in switching angles of 30°, 45°, 60° or 90°.