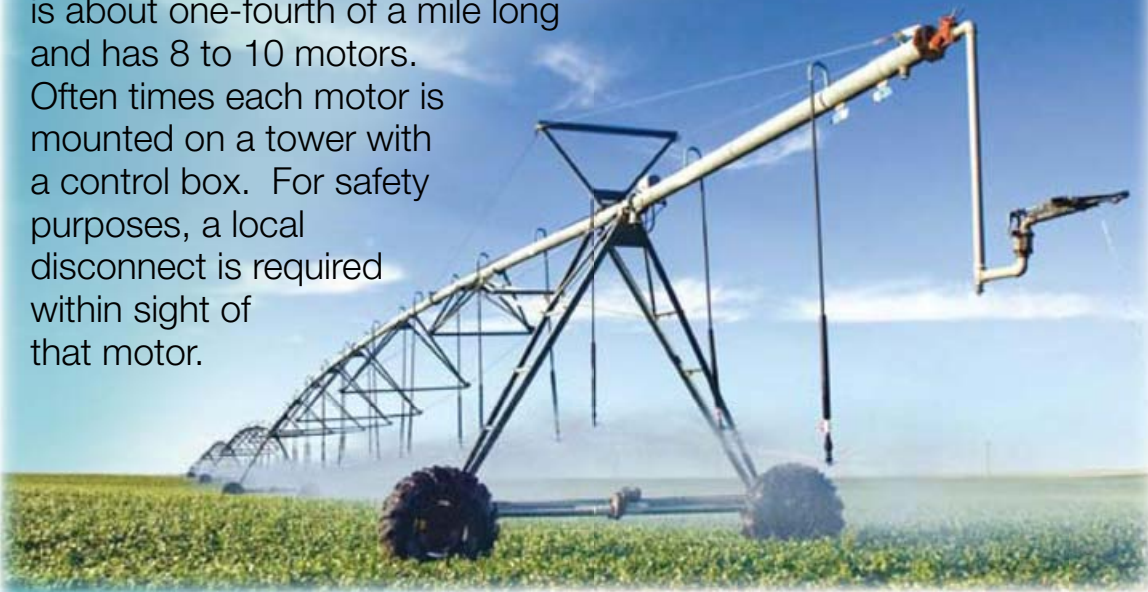


Irrigation applications

A typical pivot irrigation system is about one-fourth of a mile long and has 8 to 10 motors. Often times each motor is mounted on a tower with a control box. For safety purposes, a local disconnect is required within sight of that motor.



Other Common Irrigation Applications:

Agriculture Irrigation

- Pivot Systems
- Pumping Systems
- Traveling Sprinklers

Turf & Landscape Irrigation

- Commercial Sprinkler Systems

Golf Course Irrigation

Drip Irrigation

ABB Rotary Cam Switch

ABB rotary cam switches can be used to fulfill UL requirements for a local disconnect in irrigation applications. Not only do cam switches allow for local isolation as required by standards, they also provide access for localized troubleshooting of irrigation systems in the field.

Horsepower Rated

The ON, OM, and OL lines of ABB cam switches work well on center pivot irrigation systems because they are horsepower rated and can economically make/break multiple circuits at different voltages – per the customer's unique specifications.

Versatility

Cam switches can simultaneously control 3 phase 480 volt motor circuits and 120 volt safety circuits – making them a perfect solution for irrigation systems.



Key features of the ABB Rotary Cam Switch line...

Motor Disconnect Rated

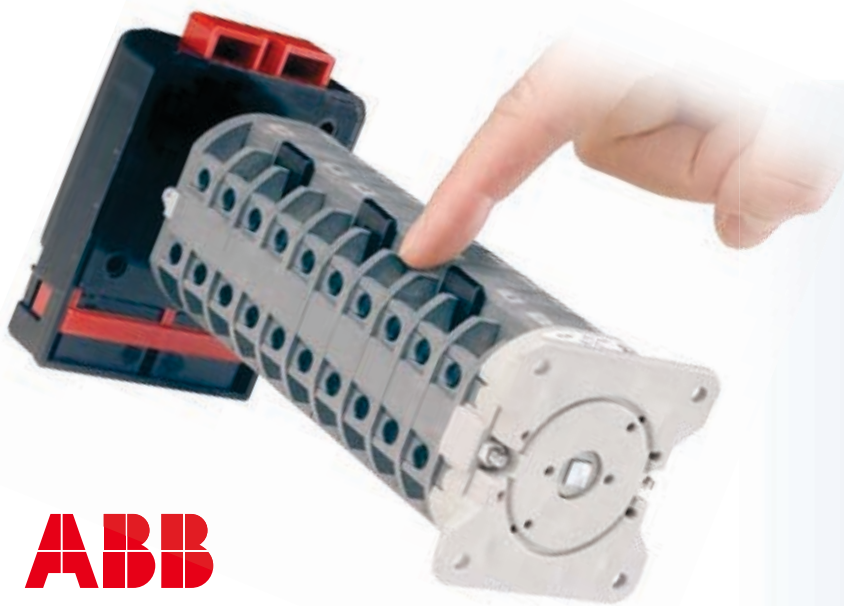
ABB's cam switches are UL 508 listed with "suitable as motor disconnect" rating and are available with optional padlockable operating knobs/handles.

Quick & Easy Installation

Terminal screws are captive and won't fall out and are easily backed-out for faster installation. In addition, posi-drive terminal screws save installation time and the integrated screwdriver guides (up to 60 amps) make the use of motorized screwdrivers easy and stable. This makes field replacement quick and easy.

Safe & Reliable

Finger-proof tunnel terminals and interconnections eliminate the risk of touching live parts without adding any protective covers. This ensures safe operations, protecting people and equipment. The switches provide reliable isolation and stable contact positions with or without overlapping contacts. Also, all ABB rotary cam switches are equipped with clear ON/OFF position – another important safety feature of the ABB Cam switch offering.



Customizable

Distinctive needs, such as front plate engraving, padlocking in various positions, key operation, key interlocking, auxiliary contacts for low ratings and special timings can be specified. For more information on custom cam switch configurations, contact the Low Voltage Products & Systems Technical Support Team.

