



Disconnect switches
Non-fusible
Fusible

Power and productivity
for a better world™



Low voltage disconnect switches from ABB

ABB is committed to offering high quality and innovative low voltage products. ABB's disconnect switch lines are no exception.

Modern materials and manufacturing technology coupled with advanced features allow ABB's disconnect switches to offer superior customer benefits – exceptional performance, easy installation, and ultimate protection – like no other. Through a broad range of product offerings, ABB sets the standard for disconnect switches industry-wide.

The disconnect switch is largely used in low voltage switchgear for distribution of power, for starting and stopping motors and for isolating loads during maintenance. ABB's range of disconnect switches are suitable for diverse applications, in motor control centers, in switchboards and as main switches in various equipment and machinery.

The disconnect product line ranges from standard 3-pole configurations to specialty combination switches for transfer, bypass and reversing. The comprehensive ABB range of Low Voltage Disconnect Switch products is the perfect choice for all switching applications.

Disconnect switches are integral to ABB's line of circuit protection devices to guard against equipment damage in multiple applications. ABB prides itself in being the Safety Pioneer for the low voltage electrical product industry as our products offer maximum protection of the electrical installation and the user. Designed to meet customer requirements for safety, ABB's disconnect switch lines feature:

Fingerproof construction – IP 20

Dead-front construction plus terminal shrouds reduce the risk of touching live parts.

Padlockable mechanisms & handles

Handles can be padlocked in the OFF position with up to three padlocks. Additionally, the switch mechanism can be directly padlocked in the OFF position when the door is open.

Welded contact protection

Positive opening operation safeguards users in case of welded contacts due to an extreme overcurrent situation. The ABB switch design cannot reach the OFF position unless the contacts are truly open. This safeguards the user by alerting them of the problem, maintains door interlock safety and does not allow a padlock to be inserted.



**Non-Fusible
Disconnect
Switches**



**Fusible
Disconnect
Switches**

Track resistant material

Excellent track resistant material reduces the risk of flashover between phases even in the most severe circumstances.

Door Interlock

The handle and shaft provide door interlock so that the door cannot be opened when the switch is in the ON position.

Clear position indication

All ABB disconnect switches and handles are clearly marked with ON and OFF designations, which allow for quick position identification whether the door is open or closed.