

AC Switch - disconnectors

Switch - disconnectors with high operating load capacity and a high level disconnection insulation; high reliability and safety in abnormal situations, available in different construction models, with a wide range of currents and several accessories.

series
S5|S5M

series
S6

series
CIS

According to:
IEC/EN 60947-3
IEC/EN 61439-1
RoHS



Testing and approvals:



Functional and ergonomic handle

- > Good grip and excellent torque/resistance
- > Padlockable handle in **0 OFF** position (up to three locks Ø 5-8 mm)
- > Door interlock in **ON I** position
- > When lock is in **0 OFF** position, door is interlocked
- > Defeatable feature in **ON I** position (with the use of a tool for maintenance operations). Handle interlock is restored when closing
- > Self-centering shaft for door handle

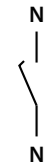


The switch - disconnectors in its different series, are manufactured with high safety self-extinguishing materials, providing an excellent level of electrical insulation, low smoke emission and high resistance to electromechanical stress.

They comply with environmental requirements and undergo strict quality controls for a reliable product that meets the most demanding requirements.

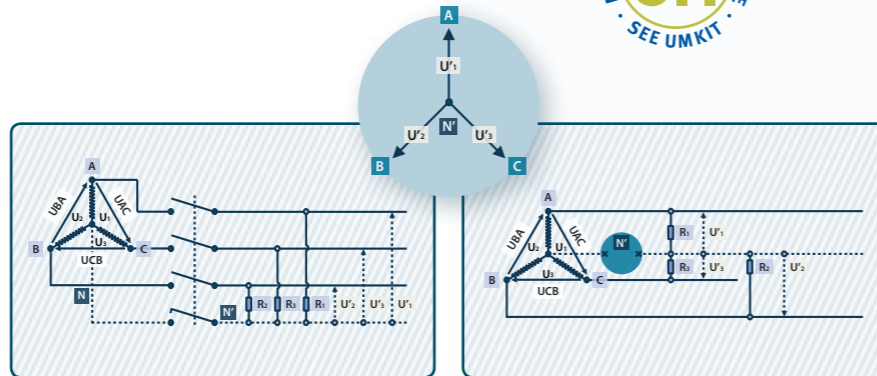
They consist of a sandwich-type body containing self-cleaning blade type contacts, with pre-arc zones to ensure long term, fault-free energy transmission and coated with silver alloy for long electromechanical life. The detent mechanism provides quick and independent switching due to the accumulation of elastic potential energy, which is transmitted at high speed to the contacts for arc extinction.

Neutral pole early make & late break



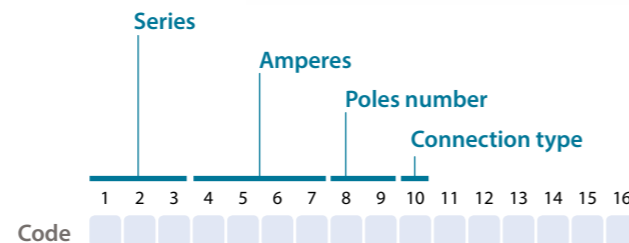
This safety feature prevents accidental overvoltage when making/breaking of loads connected between phase and neutral.

Due to the design in our 3P+N switch - disconnectors and changeover switches, the neutral contact closes before the main phases and opens later, thus ensuring this operation mode.



Range coding:

The S5|S5M|S6 series, are identified by a code that describes their most important characteristics as described below



series
S5

1 2 3 4 5 6
S5

Wide range of currents.
Base mounting with screws.
Switching under load up to 1000Vac (inductive and capacitive).
Breaking current up to 8 times the operational current.
Able to establish and withstand short-circuit currents up to 100kA.
External or direct handles.



series
S5M

1 2 3 4 5 6
S5M

Back to back arrangement to increase the number of available contacts between 6 or 8.
Base mounting with screws.
External or direct handles.



series
S6

1 2 3 4 5 6
S6

Switch - disconnectors with housings for 2P - 3P or 3P+N.
Base mounting with screws.
External or direct handles.
Wide range of devices and accessories.

series
CIS25D



1 2 3 4 5 6 7
CIS25D

S5000 polyester enclosed switch.
External padlockable handle with locking cover in ON I position.
Removing cover blocked by padlock when handle is in 0 OFF position.

series
CIS25C



1 2 3 4 5 6 7
CIS25C

S5000 metal enclosed switch.
External padlockable handle with locking door in ON I position.
Door opening blocked by padlock when handle is in 0 OFF position.

series
CIS25A



1 2 3 4 5 6 7
CIS25A

S5000 polyester enclosed switch and fuse holders.
External padlockable handle with locking cover in ON I position.
Removing cover blocked by padlock when handle is in 0 OFF position.

series
CIS25F



1 2 3 4 5 6 7
CIS25F

S5000 metal enclosed switch and fuse holders.
External padlockable handle with locking door in ON I position.
Door opening blocked by padlock when handle is in 0 OFF position.