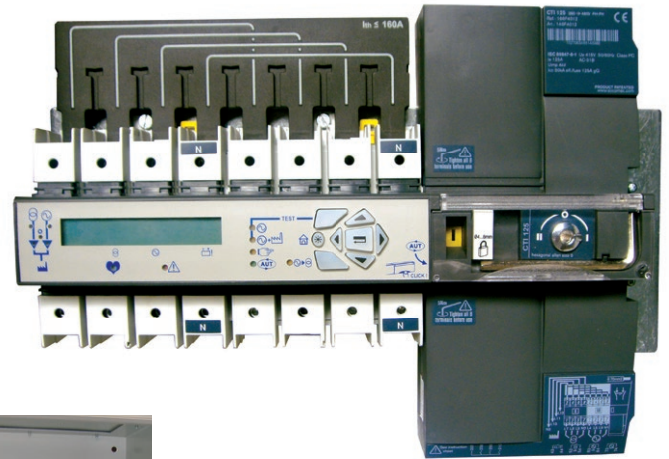


AUTOMATIC TRANSFER SWITCH

from 63A to 160A



STANDARD SPECIFICATIONS

- Disconnection integrated for load isolation
- Opening & Closing on load capabilities in manual & automatic modes
- High dynamic withstand
- Contact Silvered & Maintenance free
- Mechanical and Electrical Interlocking system intergrated
- Product not powered in stable position (no consumption)
- Constant pressure on the contacts not affected by voltage variations
- Padlocking system built-in
- Operating mode selector (Auto / Manual)
- Manual operation facilities (Speed = Automatic Mode)
- Easy maintenance operation on ATyS
 - Motor & Control relay can be replaced on load = no power loss!
 - During maintenance operations, changeover is always possible manually

ATYS COMPLIANCE WITH STANDARDS

- IEC 60947-3
- CEI 60947-6-1
- EN 60947-3
- EN 60947-6-1
- NBN EN 60947-3
- NBN EN 60947-6-1
- BS EN 60947-3
- BS EN 60947-6-1
- GB 1 4048
- VDE 0660-107

ENCLOSURE FEATURES

TYPE	SOCOMEc steel enclosure 15/10
ENCLOSURE COATING	Epoxy powder coating RAL 7035
FIXING	Wall mounting through 4 fixing pads (not mounted)
DOOR	Hinged door closed with double bar locking
INGRESS PROTECTION	Indoor Type - Option: IP54 kit
CLOSING PLATES	One removable closing plate at the bottom No closing plate at the top
CONNECTION	Bottom-Bottom
ALSO INCLUDED ACCESSORIES	- Upper terminal shrouds - Mar for earth connections - "Broken arrow" danger triangle

RATINGS	TYPE	DIMENSIONS & WEIGHT H"W"D (INDICATIVE VALUES)	MOUNTINGS	OUTGOING BUS BAR
63A	SOCOMEc CADRYs Steel Enclosure 15/10 mm	800x600x300mm	Wall mounting through 4 brackets	No
80A	SOCOMEc CADRYs Steel Enclosure 15/10 mm	800x600x400mm	Wall mounting through 4 brackets	No
100A	SOCOMEc CADRYs Steel Enclosure 20/10 mm	600x400x200mm	Wall mounting through 4 brackets	No
125A	SOCOMEc CADRYs Steel Enclosure 15/10 mm	600x400x200mm	Wall mounting through 4 brackets	No
160A	SOCOMEc CADRYs Steel Enclosure 15/10 mm	600x400x200mm	Wall mounting through 4 brackets	No

AUTOMATIC TRANSFER SWITCH from 63A to 160A

MODULE TECHNICAL FEATURES

CONFIGURATION

- Parameters configuration (thresholds, timers...).
- Independent over/under voltage and over/under frequency thresholds +/-20% of nominal values.
- Configurable associated hysteresis thresholds.
- Phase rotation and unbalance control.

VISUALIZATION

- 3 phases voltage measurement on the 2 sources.
- Frequency measurement on the 2 sources.
- Timers display and count down.
- 3 phases voltage and frequency for source I and II, timers, number of cycles and last event display.

EXPLOITATION

- Test on load & test off load facilities.
- Positions control facilities.

LED

- Power On.
- Sources Availability.
- Changeover position.
- "MAN / AUT" made.
- Test / Control operation.
- Fault.

COMPLETE RANGE OF ACCESSORIES

BRIDGING BARS. A dedicated, compact accessory providing changeover output common point keeping cable connection capacity complete

SINGLE POLE VOLTAGE SENSING TAP. Provides two terminals per pole for voltage sensing or power supply requirements. It can be fitted on any pole keeping cable connection capacity complete

AUXILIARY CONTACT. Each product can take up to 2 auxiliary contact blocks. One unit comprises 1 NO/NC contact for each position.

Specifications: 250 VAC/5A maximum.

TERMINAL SHROUDS. Protection against direct contact with terminals or connecting parts. A specific front shroud enables access to terminal tightening screws for thermographic measurement or voltage sensing.

SEALABLE COVER. Prevents access to the products configuration

ATyS D10 or D20 REMOTE INTERFACE. To display source availability and changeover state on the front of a panel

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All information in this document is substantially correct at the time of printing and may be altered subsequently.

For further information on all of the standard and optional features accompanying this product please contact your local dealer or visit www.JubailiBros.com

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