

**97234080**

## Remotely operated transfer switch ATyS UL1008 4P 800A

### Strong points

- Robust and Reliable design
- Maintenance-free
- Compatible with virtually any TSE controls

### General characteristics

Tested in full compliance with UL 1008  
 Three stable positions, not affected by voltage drops or vibrations  
 Back to back switching design offering an extremely compact solution  
 Make and break under load conditions  
 Robust and reliable design with motor factory assembled on the transfer switch  
 Compatible with virtually any TSE controller

### Compliance with standards

UL 1008, Guide WPYV File 317092;  
 IEC 60947-6-1

### Link to the reference

ATyS non-automatic transfer switches are designed for use in total system optional standby applications for the safe transfer between a normal and an alternate power source.

The changeover is done in open transition and with minimum supply interruption during transfer ensuring full compliance with UL 1008. The ATyS is a full on-load disconnecter where the main components are based on proven technology, also meeting requirements in UL 98 standard.

### Certificates and Declaration

Conformity to standard #1	UL1008
Conformity to standard #2	IEC 60947-6-1
Proposition 65 California	WARNING This product can expose you to chemicals including styrene and bisphenol A, which is known to the State of California to cause cancer and birth defects or reproductive harm. For more information go to : <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

### Environmental Sustainability

PEP Filename	SOCO-00081-V01.01-EN.pdf
Climate change - Total - Cradle to Grave [kg CO <sub>2</sub> eq.]	2326
Climate change - Total - Cradle to Gate [kg CO <sub>2</sub> eq.]	541

### Standards

Conformity to standards	UL
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### Certificates and Declaration - Safety

UL file number	E317092
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### Technical Characteristics

Length of the product unit [mm]	288
Width of the product unit [mm]	716
Depth of the product unit [mm]	392
Control operator	RTSE
Number of poles	4
Rated current [A]	800

### Technical Characteristics - Connection terminals

Max. connection section / AWG	2X 600MCM
Min. connection section / AWG	2X #2

### Technical Characteristics - Environmental

Operating temperature	-4 ... +122°F / -20 ... +50°C
Storage temperature	-40 ... +158°F / -40 ... +70°C

### Technical Characteristics - Mechanical

Endurance (number of operating cycles)	3050
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### Technical Characteristics - Power supply

Power supply / Supply voltage VAC 50/60 Hz	208-277 VAC ± 20%
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### Technical Characteristics - Short-circuit capacity

Auxiliary contacts / Electrical characteristics	AC300
Operation voltage 2 P - 3/4 P	-/600

Rated operational current / 240 VAC resistive load [A]	800
Rated operational current / 240 VAC "Total System" [A]	700
Rated operational current / 480 VAC resistive load [A]	800
Rated operational current / 480 VAC "Total System" [A]	600
Rated operational current / 600 VAC resistive load [A]	800
Rated operational current / 600 VAC "Total System" [A]	-
Short circuit rating at 600 VAC with "Any Breaker" (kA) / Short circuit capacity [ms]	50
Short circuit rating at 600 VAC with "Any Breaker" (kA) / Short circuit rating [kA]	35
Short circuit rating at 600 VAC [kA]	100
Type of fuse	L

### Technical Characteristics - Switching time

Switching time / Duration of electrical blackout [s]	1.6
Switching time / I to 0 or 0 to II [s]	1.8
Switching time / I to II or II to I [s]	3.2

### ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	600
Rated operating voltage [V]	240..600
Rated permanent current Iu [A]	800
Rated short-time withstand current Icw [kA]	35
Conditioned rated short-circuit current Iq [kA]	100
Number of poles	4

### ETIM - Mechanical characteristics

Suitable for floor mounting	No
Suitable for front mounting 4-hole	No
Suitable for front mounting centre	No
Suitable for distribution board installation	No
Suitable for intermediate mounting	Yes
Colour control element	Other
Degree of protection (IP), front side	IP20

### ETIM - Technical features

Version as main switch	Yes
Version as maintenance-/service switch	Yes
Version as safety switch	Yes
Version as emergency stop installation	No
Version as reversing switch	Yes
Number of switches	2
Number of auxiliary contacts as normally open contact	3
Motor drive optional	No
Motor drive integrated	Yes
Voltage release optional	No
Device construction	Built-in device fixed built-in technique
Type of control element	Other
Interlockable	Yes

Type of electrical connection of main circuit	Bolt connection
<b>Logistics</b>	
GTIN/EAN	3596032929732
Customs number	8536508000
Price unit	PC
Weight of the packing unit [kg]	66,5
Length of the packing unit [m]	0,6
Width of the packing unit [m]	0,8
Depth of the packing unit [m]	0,6
<b>Product Details</b>	
Effective date	2012-06-21
Offer Life Cycle Code	40
Country of origin	FR
<b>Classification</b>	
UNSPSC	39122205
ETIM Class	EC000216
IGCC	5177