

97234060

Remotely operated transfer switch ATyS UL1008 4P 600A

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 disconnect where the main components are based on proven technology, also meeting requirements in UL 98 standard.

----- System -----

Fill rate E-Order Common	83
Fill rate E-Order Selection	75

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 : www.P65Warnings.ca.gov

Standards

Conformity to standards	UL
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Certificates and Declaration - Safety

UL file number	E317092
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Technical Characteristics

Control operator	RTSE
Number of poles	4
Rated current [A]	600

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	600
Rated operational current / 240 VAC "Total System"	400
Rated operational current / 480 VAC resistive load	600
Rated operational current / 480 VAC "Total System"	350
Rated operational current / 600 VAC resistive load	600

<https://www.socomec.us/en-us/reference/97234060>

Rated operational current / 600 VAC "Total System"	-
Short circuit rating at 600 VAC with "Any Breaker" (kA) / Short circuit capacity	50
Short circuit rating at 600 VAC with "Any Breaker" (kA) / Short circuit rating	35
Short circuit rating at 600 VAC [kA]	100
Type of fuse	L
Technical Characteristics - Switching time	
Switching time / Duration of electrical blackout	1.6
Switching time / I to 0 or 0 to II	1.8
Switching time / I to II or II to I	3.2
ETIM - Electrical characteristics	
Max. rated operation voltage Ue AC [V]	600
Rated operating voltage [V]	240..600
Rated permanent current Iu [A]	600
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
Logistics	
GTIN/EAN	3596032929718
Customs number	8536508090
Price unit	PC
Weight of the packing unit	50
Product Details	
Effective date	2012-06-21
Country of origin	FR
Discount Policy	1CB73
Discount Policy Label	ATYS UL

Length of the product unit	0.34
Width of the product unit	0.584
Depth of the product unit	0.392
Weight	50
Classification	
UNSPSC	39122205
ETIM Class	EC000216
IGCC	5177