

97232010

Remotely operated transfer switch ATyS UL1008 2P 100A



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 WPVV 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 : www.P65Warnings.ca.gov

Standards

Conformity to standards	UL
-------------------------	----

Certificates and Declaration - Safety

UL file number	E317092
----------------	---------

Technical Characteristics

Length of the product unit [mm]	160
Width of the product unit [mm]	328
Depth of the product unit [mm]	244
Weight [kg]	7.77
Control operator	RTSE
Number of poles	2
Rated current [A]	100

Technical Characteristics - Connection terminals

Max. connection section / AWG	300MCM
Min. connection section / AWG	#6

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)	6050
--	------

Technical Characteristics - Power supply

Power supply / Supply voltage VAC 50/60 Hz	208-277 VAC ± 20%
--	-------------------

Technical Characteristics - Short-circuit capacity

Auxiliary contacts / Electrical characteristics	AC300
Operation voltage 2 P - 3/4 P	240/600
Rated operational current / 240 VAC resistive load [A]	100
Rated operational current / 240 VAC "Total System" [A]	100
Rated operational current / 480 VAC resistive load [A]	100

Rated operational current / 480 VAC "Total System" [A]	100
Rated operational current / 600 VAC resistive load [A]	100
Rated operational current / 600 VAC "Total System" [A]	100
Short circuit rating at 600 VAC with "Any Breaker" (kA) / Short circuit capacity [ms]	25
Short circuit rating at 600 VAC with "Any Breaker" (kA) / Short circuit rating [kA]	10
Short circuit rating at 600 VAC [kA]	100
Type of fuse	J

Technical Characteristics - Switching time

Switching time / Duration of electrical blackout [s]	0.6
Switching time / I to 0 or 0 to II [s]	0.85
Switching time / I to II or II to I [s]	1.3

ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	600
Rated operating voltage [V]	240..600
Rated permanent current Iu [A]	100
Rated short-time withstand current Icw [kA]	10
Conditioned rated short-circuit current Iq [kA]	100
Number of poles	2

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	3596032772338
Customs number	8536508000

Price unit	PC
Weight of the packing unit [kg]	7.77
Length of the packing unit [m]	0.213
Width of the packing unit [m]	0.021
Depth of the packing unit [m]	0.094
Product Details	
Effective date	2013-11-06
Offer Life Cycle Code	40
Country of origin	FR
Classification	
UNSPSC	39122205
ETIM Class	EC000216
IGCC	5177