HTS2S080C1 HTS2S080C2

HTS Residential Automatic Transfer Switch (ATS)

2P 80Amp 110Vac & 220Vac

Features

- All-In-One Design Integrated switch and microcomputer controller.
- Auto / Manu Selector Equipped with an AUTO/MANU mode selector;
 the handle can be operated in MANU mode.
- Built-in Four High-Breaking Capacity Fuses
- **Dual-Power OFF Position During Switching** Provides arc extinction time and allows switching under rated voltage and current.
- Mechanical Lugs Eliminates the need for crimp terminals.
- Switch Position Indicator Window Provides clear visualization of conduction status.
- Transfer Failure Indicative LED.
- 2-second confirmation delay on power loss and restoration –
 Eliminate unnecessary switching by the ATS.
- Durable Switching Mechanism Operation life exceeding 6,000 cycles
- Compliant with IEC 60947-6-1 international standard and AC-33A*1
 utilization category.
- Flame retardance rating UL94-V0.

Static Power Consumption Less than 0.3W

The height of the HTS transfer switch is same as BH-type MCCB.



Patented: U.S. Pat. No. Pending
TAIWAN Pat. No. Pending
CHINA Pat. No. Pending

- Suitable for automatic power transfer in residential buildings, telecom base stations, small-scale renewable energy systems, or gasoline generators.
- Optional RS-80 Engine Remote Start Module Provides remote dry contact for engine start/stop and electrical signal output for Utility/Generator power connected to load.

Specifications			
Operating Voltage (Ue)	110V : 90 Vac to 125 Vac	Time Delay Emergency to Normal (TDEN)	2 seconds (Fixed)
	220V : 180 Vac to 250 Vac	Time Delay Normal to Emergency (TDNE)	2 seconds (Fixed)
Rated Current (le)	80 Amp	Load Category	AC-33A *1
Operating Frequency	45 to 65 Hz	Equipment Classification	Class PC *2

*1 AC-33A: Electric motor loads, or mixed loads including motors, resistive load and less than 30% incandescent lamps.

*2 PC class: Capable of making and withstanding short-time short-circuit current, but not expected to break short-circuit current.

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Model Number	Description					
HTS2S080C1	2P, 1 Phase 2 Wire, 110Vac					
HTS2S080C2	2P, 1 Phase 2 Wire, 220Vac					
Dimensions			Environment			
10	03 [4.05"]	75.7 [2.98"]	Operating Temperatur	re -20 to +50 °C		
25 [0.98"]	66.5 [2.62"]	57.5 [2.26"]	Storage Temperature	-30 to +80 °C		
	58.1 [2.29"]		Relative Humidity	Below 90%		
			Physical Specifications			
100 [3.94"] 90.9 [3.58"]			Dimensions 12	22.5 (L) x 103.0 (W) x 75.7 (H) mm		
		22.5 [4.82"]	4.	.82 (L) x 4.05 (W) x 2.98 (H) inch		
			Weight 73	36 Kg +/- 2%		
			1.	62 lb +/- 2%		
		7] 5:	Accessories			
	∐	122		pcs		
	<u>п</u> Ц	Ц	Optional Accessories			
				TS Engine Remote Start Module		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Relative Product			
3-\$\psi 4.3 [0.17"] 50 [1.	97"] 41.5 [1.63"]	71 [2.80"]	HTS3S080C2 3	P, 3 Phase 3 Wire, 220Vac		
		Unit: mm [inch]	HTS1S080C2 3	P, 1 Phase 3 Wire, 220Vac		
Circ. time [mon]						





TEL: +886-7-8121771 FAX: +886-7-8121775 Website: www.kutai.com.tw Headquarters: No.3, Ln. 201, Qianfu St., Qianzhen Dist., Kaohsiung City 806037, Taiwan