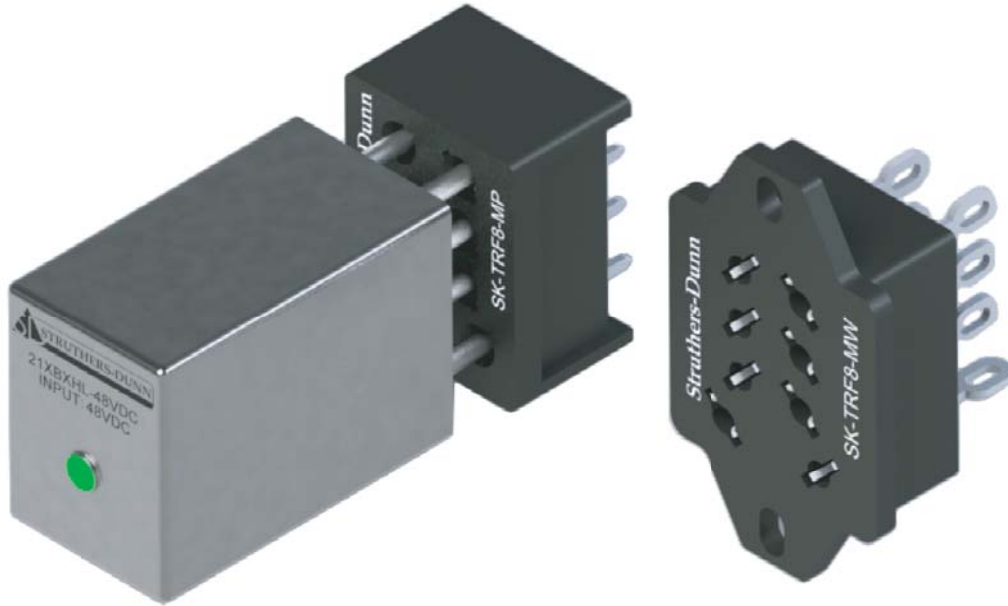


ATC Flash Transfer Relay 21H Series



WHY use a Hermetically Sealed FTR?

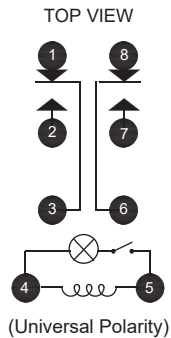
1. **Hermetically Sealed Metal Cover** Relay:
 - **Dry Nitrogen Atmosphere** to protect components from Moisture to prevent corrosion.
 - **Extends the life** of the relay, (less field maintenance by municipalities)
 - **Suppresses arcing** between contacts.
 - **Lower Contact Resistance** over the life of the relay – important at low level switching!
 - **Seals out** possible debris, dust, oxidation from external sources coming through holes and slots normally found in plastic covers.
 - **Rugged Construction** protects from accidental or mishandling of the relays.
2. **Cupronickel metal cover** material is salt water corrosion resistant.
3. **LED indicator** - *shows when Normally Open contacts are closed* instead of just power applied to the coil as with standard industry construction.
4. **Rugged 2.3mm Pins** that are not easily bent during installation or replacement in the field.
5. **Sockets designed to securely hold the relay** in place without the use of retainer clips needed for plastic covered relays.

General Specifications

21XBXHL-12, 24, 48VDC / 120VAC, 240VAC

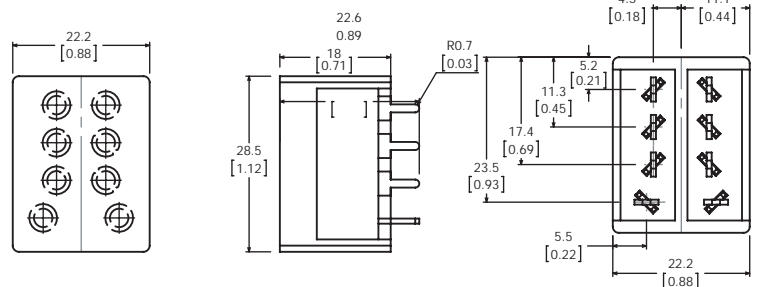
Input	
Coil Voltage	12, 24, 48 VDC / 120 VAC, 240 VAC - Other Voltages Available Upon Request
Pull-in-voltage	80% of pulsed nominal voltage or less for DC. Ambient (Coil warm and stabilized)
Drop-out-voltage	10% of Coil Voltage
Maximum Voltage	110% of Coil Voltage
Coil Insulation	Class "B" coil insulation system (130°C per UL standard 1446)
Continuous (Nominal Coil) Dissipation	0.9 Watts @ 25°C.
Duty	Continuous
Contacts	
Contact Configuration	2PDT
Contact Material	Silver Alloy
Contact Load Minimum	10 mA up to 120 VAC or up to 48 VDC, Resistive
Contact Rating Maximum	10 A up to 120 VAC or up to 48 VDC, Resistive
Performance	
Operate Time	13 ms @ Nominal Voltage (typical)-excluding bounce
Release Time	6 ms @ Nominal Voltage (typical)-excluding bounce
Environment	
Operating	-37°C to 74°C @ rated operation
Storage	-60°C to 130°C
Miscellaneous	
Enclosure	Hermetically sealed can-Dry Nitrogen back-filled atmosphere
Finish	Natural Shiny Metallic Finish
Weight	45 g (1.6 oz)

Wiring Diagram

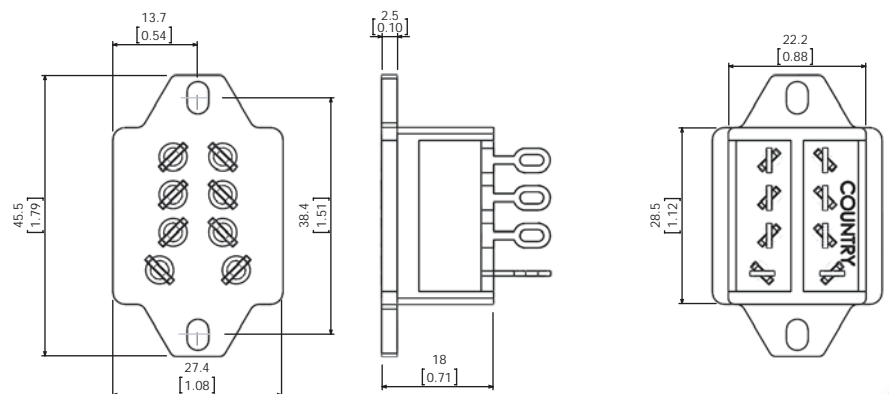


Mating Sockets

SK-TRF8-MP (PCB Mount)

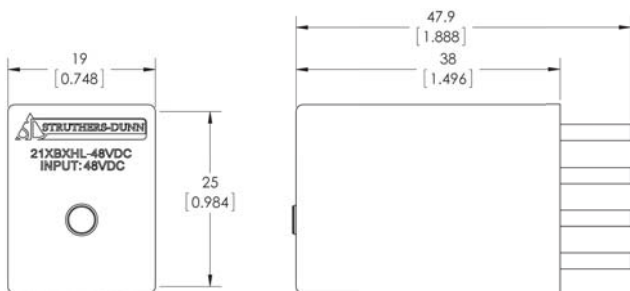


SK-TRF8-MW (Panel Mount)



Outline Dimensions

Dimensions shown in millimeters and (inches)



21H SERIES
QR CODE

Struthers-Dunn

407 E Smith Street - Suite B
Timmonsville, SC 29161

Phone: (843) 346 - 4427 Fax: (843) 346 - 4465

Sales & Technical Email: info@struthers-dunn.com

Visit us at www.struthers-dunn.com