



**TRAFFIC CABINET PRODUCTS
FLASH TRANSFER RELAYS & SOCKETS**



Expanded Product Offerings:

- Additional Coil Voltages
- Coil Voltage Indication
- Flash Transfer for **LED AND Tungsten Lamps**
- Sockets with Quick Connect Terminals

Producing Quality Products For Over 80 Years

PROVIDER OF TRAFFIC INDUSTRY PRODUCTS

21 / 136 SERIES COMPARISON

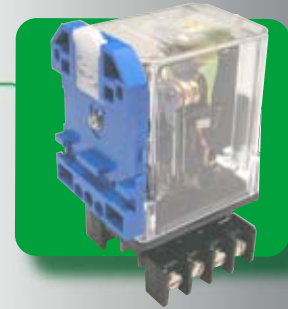
	  21ACPX-2	136-62T3A1
Input Voltage Range	75 to 132VAC	102 to 132VAC
Drop Out Voltage Minimum	12VAC	12VAC
Coil Power Typical	2.4 VA	6 VA
Contacts Configuration	DPDT	DPDT
Construction	Series shunt diodes	AC coil with shader
Contact Rating Resistive	30 Amps @ 120 / 240VAC	30 Amps @ 120 / 240VAC
Contact Rating Tungsten	2.4kW @ 120 / 240VAC	1Kw @ 120 / 240VAC
Life Cycles - Full Load	200,000 cycles	100,000 cycles
Operating Temperature Range	-40° to 84° C	-40° to 84° C



21XBXC4

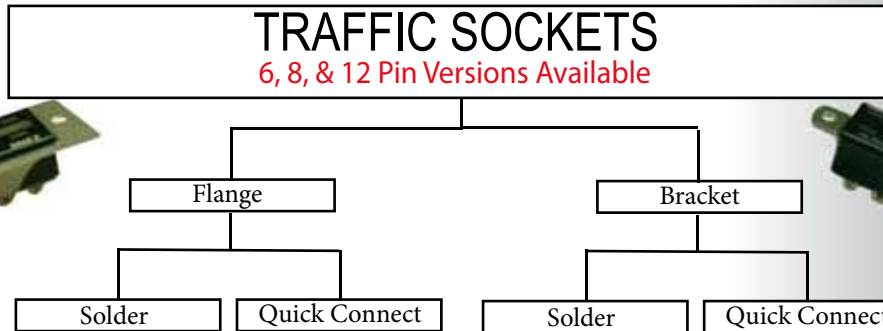
2 Pole 30 Amp Resistive

**FOR BATTERY BACK-UP
UPS SYSTEMS**



DIN Rail / Panel mount - Terminal strip screw connections

SOCKETS

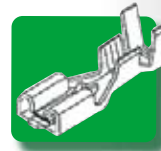


SOLDER TERMINALS



- Solder Connections
- Direct Replacement for Molex®
- Accepts up to 2 x #12 AWG wires

QUICK CONNECT TERMINALS



- Non-Removable Locking Connection (removable with tool)
- Reduce Labor
- No Soldering Required (suitable for tack soldering)
- Accepts AMP® P/N 63854 (#18 - #14 AWG)



NEW

21XBP33

FOR LED AND TUNGSTEN LAMPS

INTERCHANGEABLE FOR BOTH LED OR TUNGSTEN LAMP LOADS

As the traffic control industry moves towards full LED intersections, there are many applications where it is unsure whether a Tungsten or LED lamp will be used. Even on retrofits they can be interchangeable.

Examples:

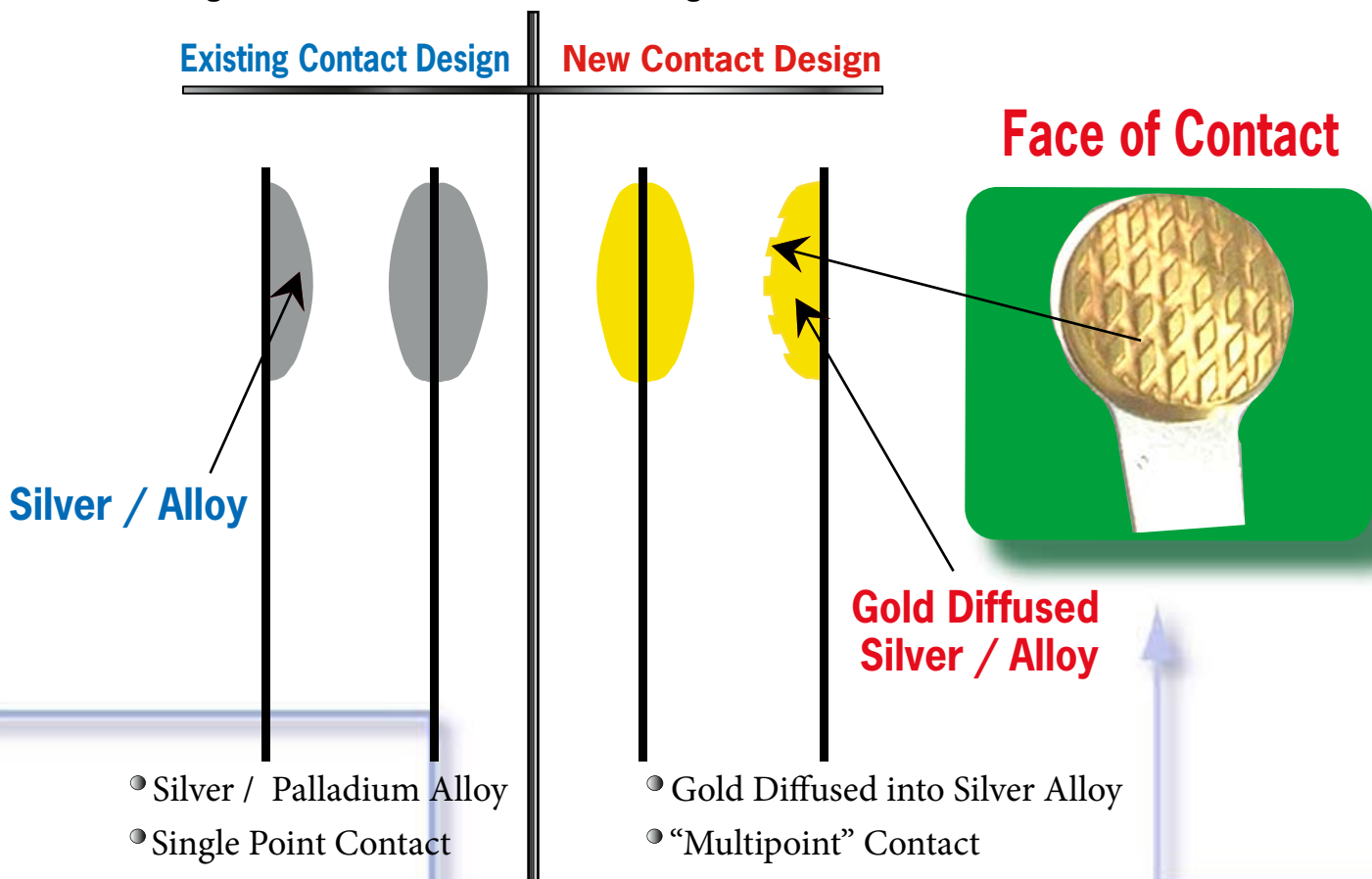
- Signal knocked down on a weekend – No LED's available, an incandescent tungsten lamp is fitted.
- To save cost, many municipalities use a tungsten lamp in yellow, even though red and green are LED. The relay position is not known and it must work on either.

Multipoint Contacts – A pattern of hills and valleys (serrations) is imprinted onto the face of the stationary contact blade ensuring multiple points of contact for circuit connections over the entire contact area.

Advantage – A solid connection every time for low current LED circuits.

Gold Diffusing – A process where low resistance gold is melted into the silver alloy contacts. Unlike a surface plating or flashing, diffused gold becomes part of the contact and doesn't burn off after the first high current surge. Gold penetrates into the contacts and remains for the life of the product.

Advantage – Lower contact resistance. Higher resistance to corrosion.



(Tested to 100,000 cycles at 10mA to simulate input to a conflict monitor / 100,000 cycles @ 15 Amps / repeat 100,000 cycles @ 10mA)

FLASH TRANSFER RELAYS

	Rectified Coil	ROHS Compliant	Coil Voltage Indication	Gold Diffused Contacts	Coil Voltage		
21CPX-2		All products ROHS compliant on request in 06 All products ROHS compliant Jan 07			12VDC	NEW	
21CPX-3					24VDC	NEW	
21ACPX-2	X				120VAC		
21ACPX-8	X				240VAC	NEW	
136-62T3A1					120VAC		
21XBP33-12VDC				X	12VDC	NEW	
21XBP33-24VDC				X	24VDC	NEW	
21XBP33-120VAC	X			X	120VAC	NEW	
21XBP33-240VAC	X			X	240VAC	NEW	
21XBPL-12VDC				X	12VDC	NEW	
21XBPL-24VDC				X	24VDC	NEW	
21XBPL-120VAC	X			X	120VAC	NEW	
21XBPL-240VAC	X			X	240VAC	NEW	
21XBPL33-12VDC				X	X	12VDC	NEW
21XBPL33-24VDC				X	X	24VDC	NEW
21XBPL33-120VAC	X			X	X	120VAC	NEW
21XBPL33-240VAC	X			X	X	240VAC	NEW

Options shown for 21 series may also be available for 136 series relays. (Contact Factory)

SOCKETS

Solder Terminals	
SK-TRF6-FW	6 Pin Flange Mount
SK-TRF8-FW	8 Pin Flange Mount
SK-TRF12-FW	12 Pin Flange Mount
SK-TRF6-BFW	6 Pin Black Flange Mount
SK-TRF8-BFW	8 Pin Black Flange Mount
SK-TRF12-BFW	12 Pin Black Flange Mount
SK-TRF6-BW	6 Pin Bracket Mount
SK-TRF8-BW	8 Pin Bracket Mount
SK-TRF12-BW	12 Pin Bracket Mount

NEW
NEW
NEW

Quick Connect Terminals	
SK-TRF6-FQ	6 Pin Flange Mount
SK-TRF8-FQ	8 Pin Flange Mount
SK-TRF12-FQ	12 Pin Flange Mount
SK-TRF6-BFQ	6 Pin Black Flange Mount
SK-TRF8-BFQ	8 Pin Black Flange Mount
SK-TRF12-BFQ	12 Pin Black Flange Mount
SK-TRF6-BQ	6 Pin Bracket Mount
SK-TRF8-BQ	8 Pin Bracket Mount
SK-TRF12-BQ	12 Pin Bracket Mount

NEW
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BFW= Black Flange, Weld (Solder) FQ= Flange, QC BFQ= Black Flange, QC BQ= Bracket, QC

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