



Square D[®] Clipsal[®] Changeover Relay Units



Front view of a Clipsal Changeover Relay

Square D[®] Clipsal[®] Changeover Relays are DIN-rail mounted devices with four independent, voltage free, changeover relay contacts.

Square D Clipsal Changeover Relays are designed to operate three-speed motors and two-way motor control devices. Some of their most common applications include operating motorized blinds, shutters, curtains and skylights (open/closed) where they provide a much simpler alternative to traditional and obtrusive relay interlocking systems.

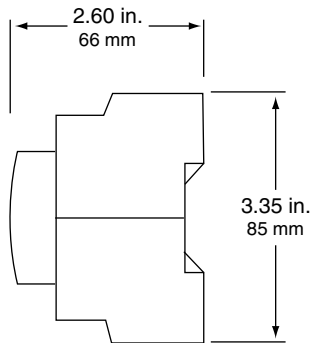
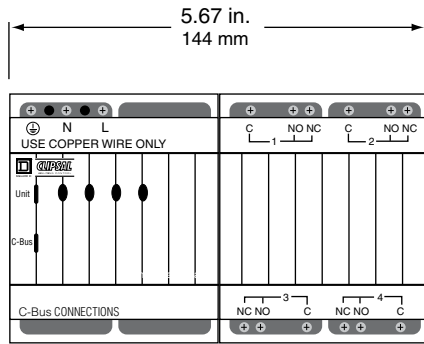
Features

- Four (4) isolated independently operating relay channels
- Two (2) convenient built-in Clipsal C-Bus[™] network connectors (RJ-45)
- Non-volatile memory stores operating status for recovery from power outage
- LED Indicators show the status of the network and the unit
- Changeover Relays ratings: (120V AC Max)
 - 2A Exhaust fans (shaded pole induction motors)
 - 2A Ceiling fans (split-phase induction motors)

Distributed Intelligence

- Compatible with all Clipsal devices and the Square D[®] Powerlink[®] NF3000G3C controller
- Easily configured with the C-Bus Toolkit Software

Specifications



Changeover Relays	
Nominal supply voltage	110-120V (SLC5504TRVFC and SLC5504TRVFCP*) 250-277V (SLC5504HRVFC and SLC5504HRVFCP*)
Frequency range(s)	47-53Hz and 57-63Hz
Clipsal C-Bus supply voltage	15–36 V DC @ 18 mA required for programming when electrical power source is not connected. Sources 200mA to the C-Bus Network with electrical power source connected. 0mA is required for programming when electrical power source is connected. (SLC5504TRVFC)
Electrical isolation	3.75 kV RMS from C-Bus to power source
Contact type	Changeover, Non-latching
C-Bus Connections	2 RJ-45 connectors, CAT 5 UTP cable req.
Electrical terminals	Accommodates (1) #12 or up to (2) #14 - 16 AWG (3.1mm ² - 1.3mm ²) copper wire only.
Status Indicators	<ul style="list-style-type: none"> C-Bus Indicator Unit Status Indicator Load Indicator
Dimensions	5.67 x 3.35 x 2.60 inches (144 x 85 x 66mm)
Weight	13 oz (370g) (With Power Supply) 17 oz (490g) (Without Power Supply)
Mounting	DIN rail, 8M wide
Operating Environment	<ul style="list-style-type: none"> 32°F to 113°F (0°C to 45°C) RH: 95%, noncondensing
Standards	<ul style="list-style-type: none"> UL: Listed 508 Industrial Control Equipment CSA 22.2 No. 14 Industrial Control Equipment FCC: Part 15, Class B Digital Device


*P suffix = without power supply

Order Information

Description	Catalog Number
4 Channel changeover relay unit 120V ac, with power supply	SLC5504TRVFC
4 Channel changeover relay unit 120V ac, without power supply	SLC5504TRVFCP
4 Channel changeover relay unit 277V ac, with power supply	SLC5504HRVFC
4 Channel changeover relay unit 277V ac, without power supply	SLC5504HRVFCP

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