

A Siemens Business





RTSCD

Commercial Duty Transfer Switches 260A - 400A

Product Description

Russelectric® RTSCD Automatic Transfer Switches utilize Ultra Modern Designs and deliver Russelectric's reputation for reliability and ease of operation.

Typical Applications

- Commercial buildings
- Educational campuses
- Hi-rise complexes
- Industrial plants
- Manufacturing facilities

Standards & Certifications

- UL1008 up to 480 VAC
- NFPA 110
- NEC Articles 700, 701, 702
- Enclosure UL Type 1
- Seismic Standards: IBC 2018 CBC2019

Key Features

- Available in 2, 3 & 4 Pole with solid or fully rated switched neutral
- User friendly, intuitive keypad and display with both icons and word markings
- · Historical event log standard
- Front Connected
- Rapid and reliable arc quenching
- Manual Transfer with rapid arc interruption and permanently affixed handle
- Quick-Break, Quick-Make high speed preloaded, overcenter transfer
- Double throw, mechanically held contactor mechanism
- Contacts easily accessible for fast contact inspection
- Flame retardant SIS switchboard type wiring

Optional Accessories

- PM Power Monitoring Package (PM)
- AP1 Auto/Load Test Key Switch and Load Shed Relay (XK1, LSR)
- AP2 Selector Switch for Auto/Manual, Pushbuttons for Manual Transfer (XK12, XP12, XP13)
- Space Heater / Thermostat

The RTSCD line of transfer switches deliver Russelectric's legendary reputation for quality and reliability in a Commercial Duty switch.

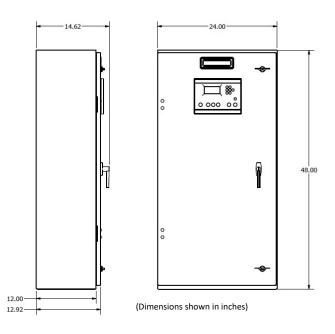
The RTSCD has a user friendly operator interface panel (O.I.P.), which utilizes softkeys and intuitive operation. Like all Russelectric transfer switches, the RTSCD features preloaded springs and an electric operator-driven over-center mechanism for extremely quick switching operations. This unique ATS design instantaneously opens and closes the ATS contacts and provides for rapid full arc interruption, even under maximum voltage and amperage. This considerably reduces contact erosion and effectively increases the switch's useful life.

A manual operator is permanently fixed to the ATS switching chassis.

	Model Numbering System for RTSCD Transfer Switches																							
Model	l Operation Type		Switch Type		Operator		Current Rating	Poles	Voltage		Terminal Type		Enclosure Type		Enclosure PM Rating Power N			XI	API XK1, Load Shed		AP2 XK12, XP12, XP13		Space Heater/ Thermostat	
RTSCD	А	Automatic	т	Transfer Switch	Α	LV Open Transition	260	2	А	277/480		М	Mechanical	w	Wall Mount	1	х	N	х	N	x	N	х	N
							400	3	В	480							М	Υ	1	Υ	2	Υ	3	Υ
								4	С	120/208														
									D	208	60 HZ													
									Е	120/240														
									F	240														
									к	120														
									Р	220/380	50.117													
									Q	380	50 HZ													

Example: RTSCD-ATA2603AMW1XXXX - Open Transition, 260A, 3 Pole with Solid Neutral, 480/277V, No Accessories

Short Circuit Closing and Withstand Ratings Specific Circuit Breaker Manufacturers								
Short-circuit current (kA)	Voltage (VAC)	Manufacturer	Туре	Rating (Ampere) 1.5 cycle				
50	480	Eaton	LGH	400				
65	480	Schneider Electric	NSX	400				
100	480	Schneider Electric	IJ	250				
100	480	Schneider Electric	JL	250				
100	480	Schneider Electric	JR	250				
65	480	GE	SFL	250				
100	240	GE	SFL	250				
65	480	Siemens	3VA5	250				
65	480	Siemens	3VA6	250				
50	480	Siemens	3VA6	400				
50	480	Siemens	3VA6	600				
Short Circuit Closing and Withstand Ratings When Protected by Current Limiting Fuses								
Short-circuit current (kA)	Voltage (VAC)	Fuse Class	Rating (Amperes)					
100	600	J	600					
Mechanical Lug Sizing								
(1) 4-600MCM or (2) 1/0 – 250MCM								



Approximate Shipping Weights Type 1 Wall-mounted Enclosed						
260a, 3 pole	187lbs.					
260a, 4 pole	205lbs.					
400a, 3 pole	208lbs.					
400a, 4 pole	215lbs.					

Published by Russelectric, A Siemens Business 2019. 99 Industrial Park Rd. Hingham, MA 02043 For more information, www.russelectric.com Printed in U.S.A. © 2019 Russelectric, A Siemens Business.

The technical data presented in this document is based on an actual case or on as-designed parameters, and therefore should not be relied upon for any specific application and does not constitute a performance guarantee for any projects. Actual results are dependent on variable conditions. Accordingly, Russelectric, A Siemens Business, odes not make representations, warranties, or assurances as to the accuracy, currency or completeness of the content contained herein. If requested, we will provide specific technical data or specifications with respect to any customer's particular applications. Our company is constantly involved in engineering and development. For that reason, we reserve the right to modify, at any time, the technology and product specifications contained herein.