



RTSCD

Commercial Duty Transfer Switches 260A - 400A

Product Description

Ruselectric® RTSCD Automatic Transfer Switches utilize Ultra Modern Designs and deliver Ruselectric'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, over-center 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.

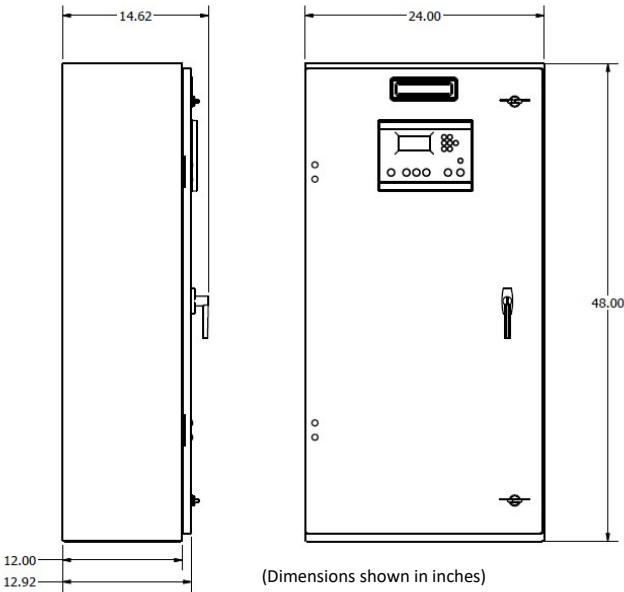
The RTSCD has a user friendly operator interface panel (O.I.P.), which utilizes softkeys and intuitive operation. Like all Russelectric transfer switches, the RTSCD features preloaded springs and an electric operator-driven over-center mechanism for extremely quick switching operations. This unique ATS 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	Operation Type		Switch Type		Operator		Current Rating	Poles	Voltage		Terminal Type		Enclosure Type		Enclosure Rating	PM Power Mtr.		API XK1, Load Shed	AP2 XK12, XP12, XP13		Space Heater/Thermostat	
RTSCD	A	Automatic	T	Transfer Switch	A	LV Open Transition	260	2	A	277/480	60 HZ	M	Mechanical	W	Wall Mount	1	X	N	X	N	X	N
							400	3	B	480							M	Y	1	Y	2	Y
								4	C	120/208												
									D	208												
									E	120/240												
									F	240												
									K	120												
									P	220/380	50 HZ											
									Q	380												

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	Type	Rating (Ampere) 1.5 cycle
50	480	Eaton	LGH	400
65	480	Schneider Electric	NSX	400
100	480	Schneider Electric	JJ	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.