

Specialty Metering Products

Metered Manual Transfer Switches

Product Description

A metered manual transfer switch is service entrance equipment that consists of a single meter socket and a manual transfer switch. The manual transfer switch is comprised of a service entrance rated utility breaker and an emergency generator breaker that are mechanically interlocked to prevent dangerous dual source feeding.

Metered manual transfer switches are increasing in popularity as the socket and manual transfer switch are located in one easy to install location, thus providing the contractor with a labour and material savings when being installed.

Application Description

Metered manual transfer switches are typically installed in rural residential and agricultural service entrance applications where utility power outages are more frequent.

Features, Functions, and Benefits

- Includes 200A rated meter socket.
- Main utility and emergency (generator) breaker factory installed.
- Available in 100 and 200 ampere design.
- Utility breaker and generator breakers are mechanically interlocked to protect equipment and personnel by preventing dangerous dual-source feeding.
- Switched neutral design.
- 50, 100, and 200A Generator circuit breaker models.
- Type 3R outdoor design.

Standards and Certifications

- CSA approved.

Product Specifications

- 25,000 AIC rating switched neutral models.
- Switching devices must be circuit breakers.



RCJ1S1GEN

Product Selection

Table 10. Metered Manual Transfer Switches

Description	Catalogue Number				
	RCJ1SN05GEN	RCJ1SN1GEN	RCJ2SN05GEN	RCJ2SN1GEN	RCJ2SN2GEN
Voltage (V)	120/240	120/240	120/240	120/240	120/240
Amperes (A)	100	100	200	200	200
Poles	2	2	2	2	2
Frequency (Hz)	60	60	60	60	60
Main Breaker (A)	100	100	200	200	200
Generator Breaker	50	100	50	100	200
Switched Neutral	Yes	Yes	Yes	Yes	Yes
CSA Listed	Yes	Yes	Yes	Yes	Yes
Withstand Rating	22,000	22,000	22,000	22,000	22,000
Switch Type	ED Type Moulded Case Circuit Breaker				
Enclosure	Type 3R (outdoor)	Type 3R (outdoor)	Type 3R (outdoor)	Type 3R (outdoor)	Type 3R (outdoor)
Height (Inches / mm)	32.375 / 822.3	32.375 / 822.3	32.375 / 822.3	32.375 / 822.3	32.375 / 822.3
Width (Inches / mm)	14.4375 / 366.7	14.4375 / 366.7	14.4375 / 366.7	14.4375 / 366.7	14.4375 / 366.7
Depth (Inches / mm)	5.375 / 136.5	5.375 / 136.5	5.375 / 136.5	5.375 / 136.5	5.375 / 136.5