

Specialty Metering Products

Metered Service Entrance Rated Automatic Transfer Switch

Utility Sense Type

Product Description

Combined in a single enclosure and factory wired is a 200A meter socket, service entrance rated circuit breaker disconnect, and an automatic transfer switch (ATS). The single enclosure assembly saves the installing contractor time and money while leaving the home owner with a cleaner and more attractive installation on the outside of their home.

Designed to work with standby generators that use a “utility sense” configuration and transfer signal from the generator

Application Description

- New or retrofit residential standby generator installations

Product Selection

Features, Functions, and Benefits

- Combined functionality in a single enclosure.
- Saves installation time and cost
- Service entrance approved for Canada
- 100 and 200 Ampere models
- Overhead and underground service entrance
- NEMA 3R indoor/outdoor enclosure
- Mechanically and electrically interlocked contactor assembly
- 200A Meter socket
- Factory wired N1 and N2 fuse block

Standards and Certifications

- CSA approved.

Product Specifications

- 10,000 Symetrical Amperes withstand rating
- 120/240 VAC 60Hz 2-pole
- -20°C to +40°C (-4°F to +104°F) Operating temperature



EGSC100AMSE
(covers removed)

Table 12. Metered Service Entrance Rated Automatic Transfer Switches

Description	Catalogue Number	
	EGSC100AMSE	EGSC200AMSE
Voltage (V)	120/240	120/240
Withstand Rating (Symetrical Amperes at 240VAC Maximum)	10,000	10,000
Amperage (A)	100	200
Poles	2	2
Frequency (Hz)	60	60
Meter Socket Amperage (A)	200	200
Service Entrance Disconnect Means	Type BWH/CSR Circuit Breaker	Type BWH/CSR Circuit Breaker
Service Entrance Disconnect Amperage (A)	100	200
Transfer Switch Type	Mechanically and Electrically Interlocked Contactor	Mechanically and Electrically Interlocked Contactor
Contactor Amperage (A)	100	200
Switched Neutral	No	No
Controller	RELAY	RELAY
Generator Application	UTILITY SENSE Generators	UTILITY SENSE Generators
CSA Listed	Yes	Yes
Enclosure	Type 3R (outdoor)	Type 3R (outdoor)
Height (Inches / mm)	36.19 / 919 (*CLX is 42.19/1072)	36.19 / 919 (*CLX is 42.19/1072)
Width (Inches / mm)	18.04 / 458	18.04 / 458
Depth (Inches / mm)	7.25 / 184	7.25 / 184
Weight (lbs/kg)	64 / 29.03	66 / 29.94

For 1/2" STUD type socket (Underground ONLY) add suffix CLX to PN

ex. EGSC100AMSECLX

This product uses the 2 -1/2" Conduit Hub openings, ex: H2