

# New NEC 2020 compliant CSED's are feature rich and contractor friendly

## SQUARE D™ Combination Service Entrance Devices

### NEC 2020 and more

The NEC 2020 code requires a single disconnect on the outside of homes in case of emergencies. These new CSED's are thoughtfully designed to easily accommodate code requirements, combining the meter socket and service disconnect into one enclosure.

This device comes in a compact footprint with the ability to use Plug-on Neutral breakers.

Solar ready and designed to accommodate Wiser Energy™, customers will have more freedom and control of their evolving energy needs.

### What's new?

Designed with NEC 2020 in mind, the new CSED's incorporate relevant requirements and even more features including:

- Outdoor disconnect
- Emergency disconnect label
- Wiser Energy and solar ready capabilities
- Plug-on Neutral interior
- 4 and 8 space options available to further facilitate NEC 2020 compliance (such as surge protection and GFI)

[se.com/us/squared](https://se.com/us/squared)

Life Is On

**Schneider**  
Electric

The new CSED features a compact design supporting a hassle-free install and a reduced footprint.

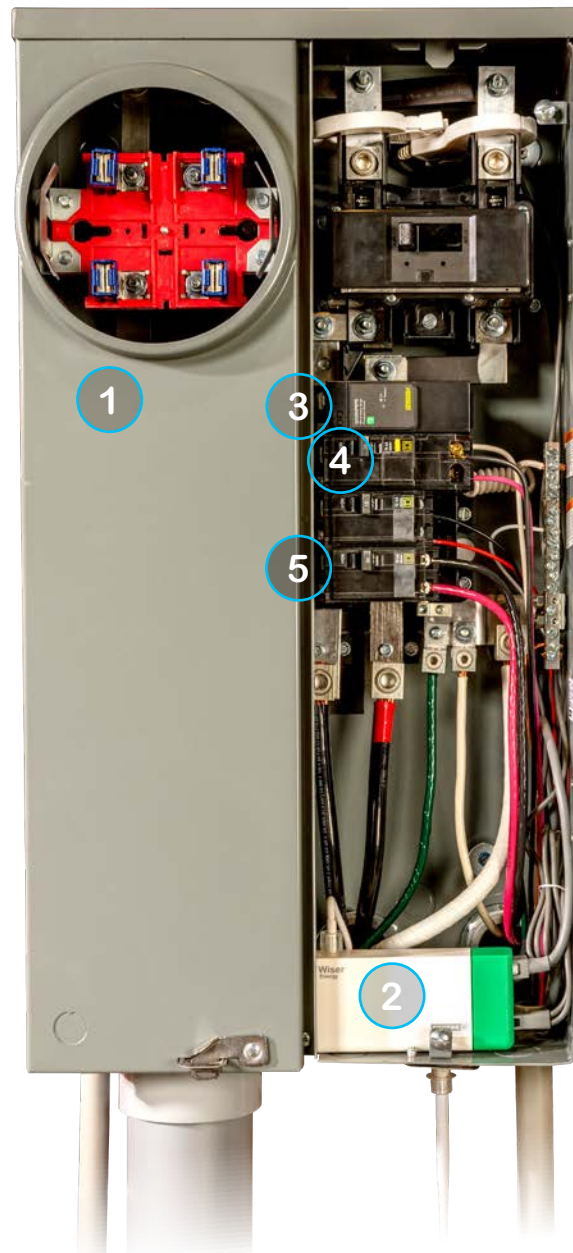
Designed for NEC 2020 and more, below are the ways to maximize the capabilities of this meter main.

### 1. Grid to Plug:

With our Grid to Plug approach, electrical distribution becomes even more connected. This CSED acts as a first piece in the Grid to Plug solution, connecting the home to the utility grid. Protection devices and wiring devices help the homeowner further connect all the way to the plug side.

### 2. Wiser™ ready:

Equipped with the capacity to use Wiser Energy technology, customers are afforded the opportunity to monitor how their energy is being used down to the device level. Providing real-time energy usage allows customers to maximize their electrical needs and desires.



### 3. Surge protection:

NEC 2020 requires surge protection for dwelling units. With surge protection best positioned to be closest to the service disconnect, this Plug-on Neutral interior seamlessly accommodates existing Plug-on Neutral surge protection devices, further enhancing protection from sudden voltage spikes.

### 4. GFI protection:

Available in 4 or 8 space options and designed to accommodate additional outdoor loads, space can be used for a nearby A/C unit, now requiring GFI protection per NEC 2020.

### 5. Solar ready:

This CSED is solar ready for customers who are looking to expand their sources of alternative energy.

\*Line side barrier included but not pictured

# We listened. We've changed, for the better.

- Standardized Plug-on Neutral for quicker install
- Standardized solar ready capability for customers seeking a more environmental approach
- Newly added 4 space 8 circuit option
- Wiser ready for more customer intelligence
- Compact footprint that demands less space, creating a smoother, cleaner install
- 3" service feed conduit to allow for more wiring maneuverability (as required by select utilities)



Existing devices	Feature	New devices
⊗ Some	QO™	✓ Standard
⊗ Some	Plug-on Neutral	✓ Standard
⊗ Some	Solar ready	✓ Standard
⊗ None	4 space 8 circuit	✓ Standard
⊗ Some	Wiser ready	✓ Standard
⊗ Some	3" service conduit	✓ Standard
⊗ Some	Low amp	✓ Standard
⊗ None	Compact footprint	✓ Standard



## Compatible accessories for new CSED meter

SRKUGMM Solar ready kit for UG 200A Max Meter Mains



RUSUGK Generator kit for RU- SU- 200A Max Meter Mains



QUCUGK Generator kit for QU- CU- 200A Max Meter Mains



## Digest catalog references

Catalog number	Range	Socket type	Interior	Feed through lugs	Ampere rating	Mounting style	Bypass type
CU48F200PS	QO	Ring Type	4/8	Yes	200	Surface	None
CU816F100PS	QO	Ring Type	8/16	Yes	100	Surface	None
CU816F200PS	QO	Ring Type	8/16	Yes	200	Surface	None
SU48F200PS	HOM	Ring Type	4/8	Yes	200	Surface	None
SU816F100PS	HOM	Ring Type	8/16	Yes	100	Surface	None
SU816F200PS	HOM	Ring Type	8/16	Yes	200	Surface	None
QU48F100PS	QO	Ringless	4/8	Yes	100	Surface	None
QU48F100PSL	QO	Ringless	4/8	Yes	100	Surface	Lever
QU48F125PS	QO	Ringless	4/8	Yes	125	Surface	None
QU48F150PS	QO	Ringless	4/8	Yes	150	Surface	None
QU48F200PS	QO	Ringless	4/8	Yes	200	Surface	None
QU816F150PS	QO	Ringless	8/16	Yes	150	Surface	None
QU816F200PS	QO	Ringless	8/16	Yes	200	Surface	None
QU816F200PSL	QO	Ringless	8/16	Yes	200	Surface	Lever
QU816M200PS	QO	Ringless	8/16	No	200	Surface	None
RU48F100PS	HOM	Ringless	4/8	Yes	100	Surface	None
RU48F100PSL	HOM	Ringless	4/8	Yes	100	Surface	Lever
RU48F125PS	HOM	Ringless	4/8	Yes	125	Surface	None
RU48F150PS	HOM	Ringless	4/8	Yes	150	Surface	None
RU48F200PS	HOM	Ringless	4/8	Yes	200	Surface	None
RU816F150PS	HOM	Ringless	8/16	Yes	150	Surface	None
RU816F200PS	HOM	Ringless	8/16	Yes	200	Surface	None
RU816F200PSH	HOM	Ringless	8/16	Yes	200	Surface	Horn
RU816F200PSL	HOM	Ringless	8/16	Yes	200	Surface	Lever
RU816M200PS	HOM	Ringless	8/16	No	200	Surface	None



**Ringless**

Dimensions  
15.0 x 27.9 x 6.5



**Ring type**

Dimensions  
15.0 x 27.9 x 6.5



**Ringless with  
lever bypass**

Dimensions  
19.3 x 27.9 x 6.5

[se.com/us/squared](https://se.com/us/squared)

Life Is On

**Schneider**  
Electric

Schneider Electric USA  
800 Federal Street  
Andover, MA 01810  
Phone: 978-794-0800