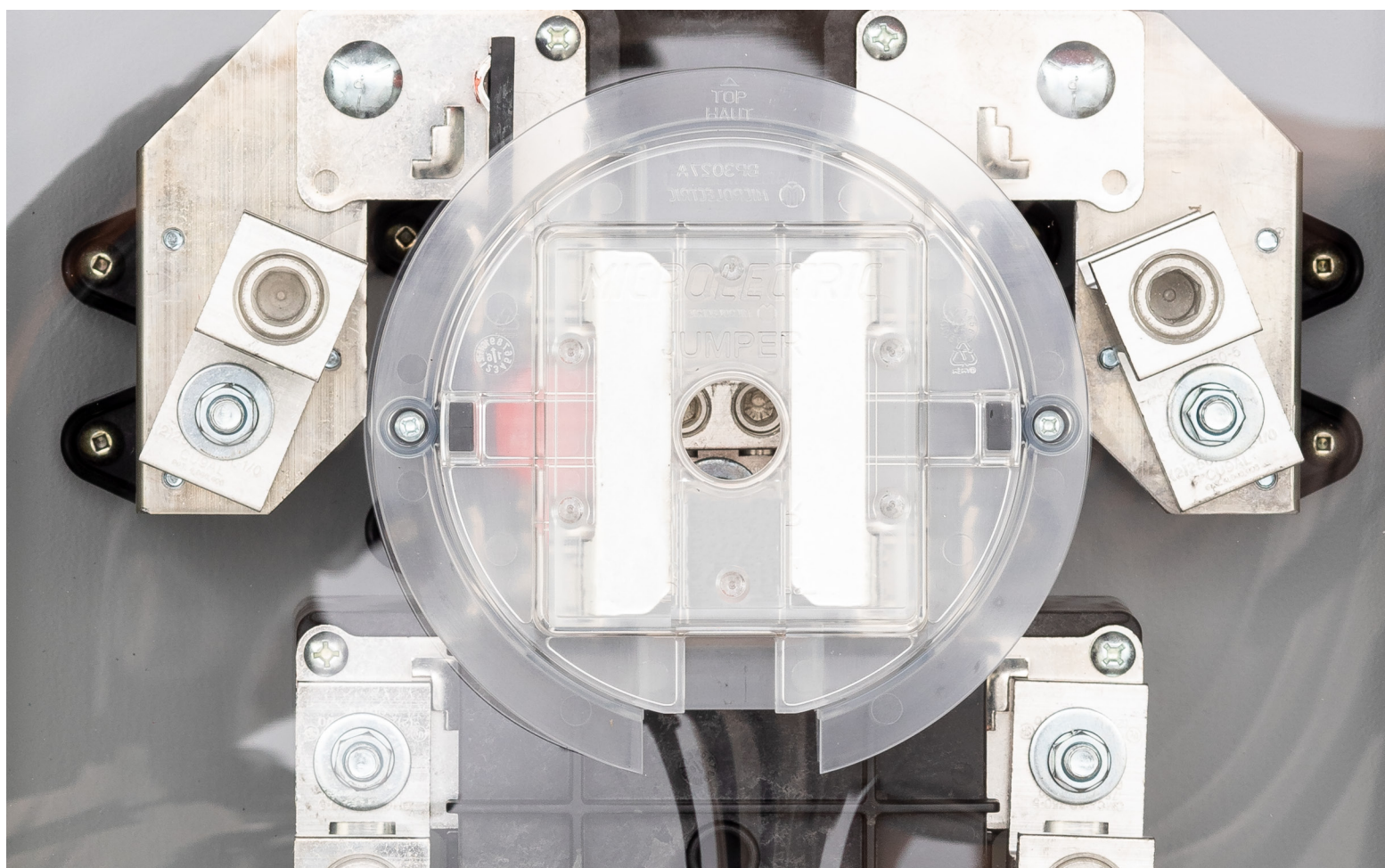


PRODUCT BROCHURE

# Microelectric® BP320 series

## 320 A self-contained meter sockets



- Simple, fast and safe installation (as simple as a 200 A meter socket)
- No current transformer required
- Enables grounding at panel or meter socket

# Microelectric BP320 series

The future has arrived  
Be ready to respond

As homes adopt more electrically powered systems, such as pools, spas, underfloor heating, and electric vehicle chargers, the demand for electricity is on the rise. Many households with a standard 200 A service entrances are facing overloads.

The solution: Elevate your electrical capacity by upgrading to our 320 A meter socket from the BP320 Series.



Simple, fast and safe  
installation



Charge more than  
one electric vehicle



Elegant and unique  
Tuxedo™ design



BP320 Series: Where comfort knows no compromise.



# Microelectric BP320 series

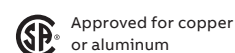
## Self-contained meter sockets

### Discover more benefits

- Installation for overhead or underground service
- Unparalleled safety features
- Suitable for single-phase service entrances
- Connection to 1 or 2 electrical distribution panels
- Allow grounding at the electrical panel or meter socket
- Easy conversion to an insulated neutral by removing the bonding jumper
- CSA certified and comply with CSA Standard C22.2 No. 115:20



### Connectors and conductors approved for use with BP320 series meter sockets



		Overhead service			Underground service		
		BP320-V-250	BP320-V	BP320-V-250B	BP320-TV-250	BP320-TV	BP320-TV-250B
Line side	Single run service entrance	Tunnel-type connectors 1 x 1/0-500 kcmil Neutral 2 x 6-250 kcmil	Tunnel-type connectors 1 x 1/0-500 kcmil Neutral 2 x 6-250 kcmil	Tunnel-type connectors 1 x 1/0-500 kcmil	Double 1/2 in. studs for compression lugs 1 x 500 kcmil max.	Double 1/2 in. studs for compression lugs 1 x 500 kcmil max.	Double 1/2 in. studs for compression lugs 1 x 500 kcmil max.
	Parallel run service entrance	Tunnel-type connectors 2 x 1/0-250 kcmil Neutral 2 x 6-250 kcmil	Tunnel-type connectors 2 x 1/0-250 kcmil Neutral 2 x 6-250 kcmil	Tunnel-type connectors 2 x 1/0-250 kcmil	Double 1/2 in. studs for compression lugs 2 x 250 kcmil max.	Double 1/2 in. studs for compression lugs 2 x 250 kcmil max.	n/a
Load side	Connection to 1 distribution panel	BP500 conversion kit	Tunnel-type connectors 1 x 1/0-500 kcmil	BP500 conversion kit	BP500 conversion kit	Tunnel-type connectors 1 x 1/0-500 kcmil Neutral 2 x 6-250 kcmil	BP500 conversion kit
	Connection to 2 distribution panels	Tunnel-type connectors 2 x 6-250 kcmil	BP250 conversion kit	Tunnel-type connectors 2 x 6-250 kcmil	Tunnel-type connectors 2 x 6-250 kcmil	BP250 conversion kit	Tunnel-type connectors 2 x 6-250 kcmil

BP320 series meter sockets are supplied with one 2/0-14 AWG grounding connector on neutral and 4 x 2-14 AWG bonding connectors.



# Microelectric BP320 series

## Innovative and unique features

**Die-cast closure plate**  
made of corrosion-resistant  
aluminum: no paint required.

**Seal to prevent access or  
tampering** securely unites  
the bypass mechanism  
cover and the meter  
sealing ring.

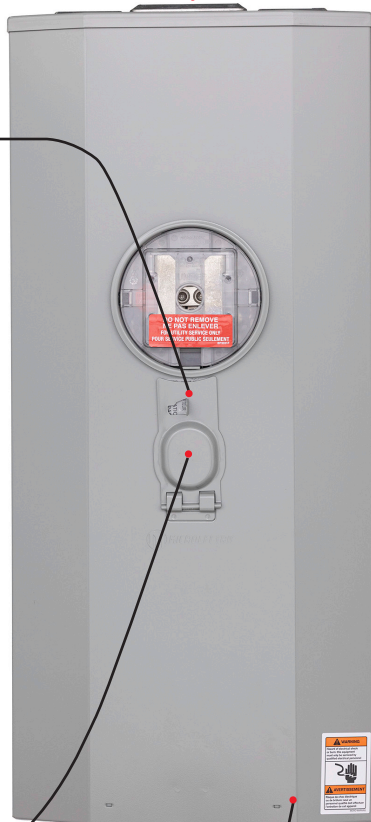


A temporary transparent  
cover safely closes off  
entry to the meter socket  
until the meter is installed.

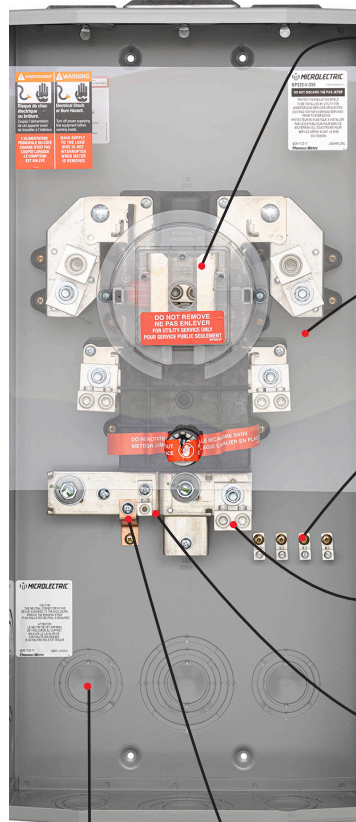
**Unique bypass mechanism**  
accessible only with main  
cover closed. The  
mechanism opens and  
closes the meter jaws for  
easy meter removal.  
No arc flash. No service  
interruption.



**Type 3R  
weatherproof  
enclosure.**



Model shown: BP320-V-250



**Factory-installed jumper plate**  
maintains electrical service  
during installation.

**Lexan\* protective shield**  
covers all bus bars and  
connections and complies with  
CSA standard Z462 for electrical  
safety in the workplace.

**Bonding connectors** accept  
conductors from 2 to 14 AWG.

**Connector conversion kit**  
available for connection to  
one distribution panel

**Grounding connector on  
neutral** accepts conductors  
from 2/0 to 14 AWG.

**Bonding jumper**  
Remove completely if insulated  
neutral required.

**Optimized hub openings and knockout locations**  
for built-in installation flexibility.

### IMPORTANT:

Jumper plate and bypass mechanism are accessible  
only by authorized electric utility employees.

\* Lexan is a registered trademark of SABIC Global Technologies B.V.

# Microelectric BP320 series

## Product line

### Overhead service



**BP320-V**



**BP320-V-250**



**BP320-V-250B**

### Underground service



**BP320-TV**



**BP320-TV-250**



**BP320-TV-250B**

### Microelectric BP320 series – self-contained 320 A meter sockets

 Approved for copper or aluminum

Cat. no.	Service		Description
	Overhead	Underground	
<b>Meter Socket</b>			
BP320-V	✓	–	120/240 V with single connectors load side
BP320-V-250	✓	–	120/240 V with double connectors load side
BP320-V-250B	✓	–	120/240 V with double connectors load side and full-size neutral line side
BP320-TV	–	✓	120/240 V with single connectors load side
BP320-TV-250	–	✓	120/240 V with double connectors load side
BP320-TV-250B	–	✓	120/240 V with double connectors load side and full-size neutral line side
<b>Conversion kits</b>			
BP250	–	–	For conversion to double connector load side, 2 x 250 kcmil (2 per kit)
BP500	–	–	For conversion to single connector load side, 1 x 500 kcmil (3 per kit)

Colour: Grey

Outer enclosure dimensions - in. (cm): 34-1/16 (86.5) H x 15-9/16 (39.5) W x 5-15/16 (15.1) D

Meter socket weight: 47 lb / 21.31 kg



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