



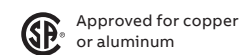
Microelectric BP320 series

Self-contained meter sockets

Discover the benefits

- 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
- All BP320 units can be wired with either copper or aluminum conductors. Underground versions require the use of compression lugs on the line side.
- Unparalleled safety features
- Installation for overhead or underground service
- CSA certified and comply with CSA Standard C22.2 No. 115:20

Connectors and conductors approved for use with BP320 series meter sockets



Line side	Service	Overhead service			Underground service		
		BP320-V-250	BP320-V	BP320-V-250B	BP320-TV-250	BP320-TV	BP320-TV-250B
Single run service entrance	Parallel run	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.
	Single run	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	Use BP500 kit	Tunnel-type connectors 1 x 1/0-500 kcmil	Use BP500 kit	Use BP500 kit	Tunnel-type connectors 1 x 1/0-500 kcmil Neutral 2 x 6-250 kcmil	Use BP500 kit
	Connection to 2 distribution panels	Tunnel-type connectors 2 x 6-250 kcmil	Use BP250 kit	Tunnel-type connectors 2 x 6-250 kcmil	Tunnel-type connectors 2 x 6-250 kcmil	Use BP250 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.

ABB
Installation Products
 700 Thomas Avenue
 Saint-Jean-sur-Richelieu,
 Quebec J2X 2M9
 Tel.: +1 (450) 347 5318
 Fax: +1 (450) 347 1976

tnb.ca.abb.com



For more information, scan the QR code.

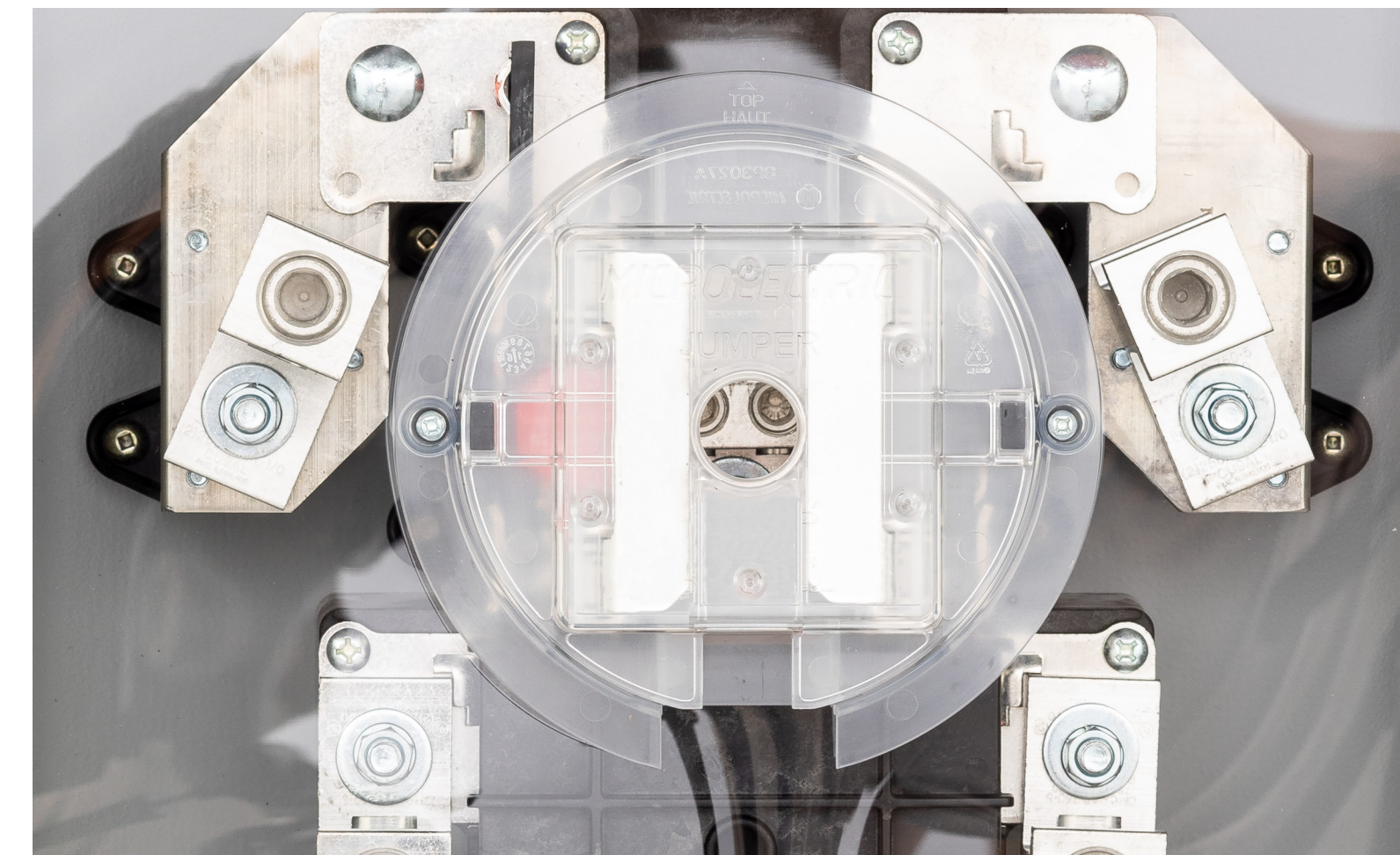
© Copyright 2022 ABB. All rights reserved.
 Specifications subject to change without notice.



PRODUCT BROCHURE

Microelectric® BP320 series

320 A self-contained meter sockets



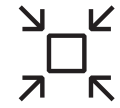
- Simple, fast and safe installation (as simple as a 200 A meter socket)
- No current transformer required
- Enables grounding at panel or meter socket

7TKK001621-EN

Microelectric BP320 series

The future has arrived
Be ready to respond

Residential demand for electricity continues to climb. 200 A service entrances in many households are rapidly becoming overloaded as more and more electrically powered systems, such as swimming pools, spas, underfloor heating and electric vehicle chargers, are installed.



All the comfort, with no compromise



Charge more than one electric vehicle



Frees up space in the home; no electrical room required



BP320 series meter sockets incorporate the distinctive Tuxedo™ design profile – refined, elegant and unique!



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 by-pass mechanism cover and the meter sealing ring

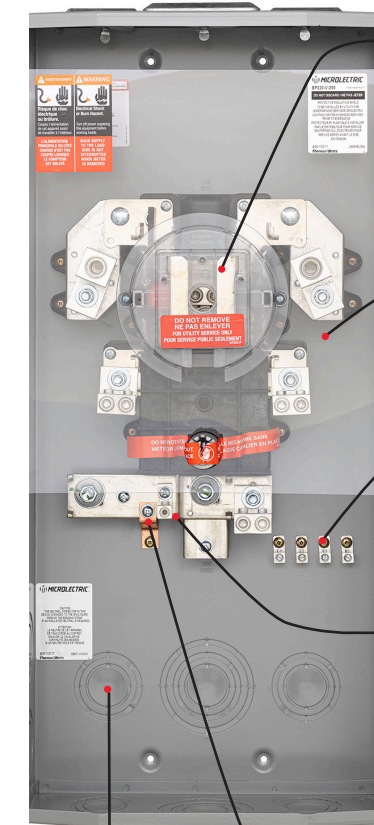


Unique by-pass mechanism accessible only with main cover closed. The mechanism opens and closes the meter jaws for easy meter removal. No arc flash. No service interruption.



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.

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 by-pass 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

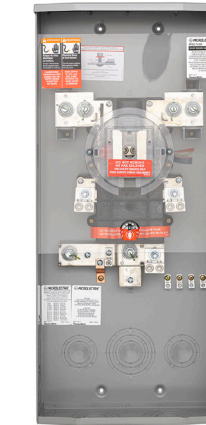


BP320-V-250B

Underground service



BP320-TV

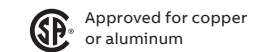


BP320-TV-250



BP320-TV-250B

Microelectric BP320 series – self-contained 320 A meter sockets



Cat. no.	Service		Description
	Overhead	Underground	
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 C 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 C with double connectors, load side and full-size neutral, line side
Conversion kits			
BP250	-	-	Conversion kit for double connector, load side, 2 x 250 kcmil (2 per kit)
BP500	-	-	Conversion kit for single connector, load side, 1 x 500 kcmil (2 per kit)

Colour: Grey
Outer enclosure dimensions - in. (cm): 34-1/16 (86.5) H x 15-9/16 (39.5) L x 5-15/16 (15.1)
Meter socket weight: 47 lb / 21.31 kg