Fused and non-fused HVAC disconnects



Fused disconnect



Non-fused disconnect



Non-fused disconnect with GFCI receptacle.

Catalog symbol:

- B22__

Description:

Fused and non-fused pullout HVAC disconnects in NEMA 3R enclosures. Fused versions are available in 30 and 60 amp ratings with or without self-testing GFCI receptacles. Non-fused versions are available in 60 amp versions with or without self-testing GFCI receptacles.

Specifications:

Ratings

- Volts
  - 120 Vac single-phase
  - 240 Vac split-phase
- Amps 30 or 60 A

Catalog numbers

- See table on page 2.

Agency Information

- UL® Listed to UL 1429, cUL Certified, UL Guide WGEW

Conductors - AWG

- 14-3 Cu/Al

Enclosures

- Metallic NEMA 3R housing with weather resistant coating

Dimensions

- See catalog numbers table

Features and benefits

- A/C disconnects meet NEC® Code requirements under articles 440.14.
- Self-testing GFCI units meet NEC Code requirements under articles 210.63, 210.8, and 406.8(B)(1).
- NEMA 3R enclosures withstand outdoor environment.
- Padlockable with two-position pullout handle to lock safety shield when in the ON position. (Not available on GFCI or 60 A switched units.) For added safety, pullout handle can be stored in the compartment in the OFF position.

Typical applications:

- Residential, light industrial/commercial A/C and heat pump service
- Spas/whirlpools, swimming pools, pump houses
- Suitable for service entrance equipment applications with field installed ground bar — order catalog number DPFG

Catalog numbers

Cat. nos.	Description	Amp rating	Max Hp rating 120 V	Max Hp rating 240 V	Fuse class	Approximate dimensions (in) Height	Width	Depth
Fused disconnects								
B221-30F	30 amp, pullout	30	1.5	3	H or R	8-3/4	5-3/8	2-7/8
B221-30FGFST	30 amp, pullout with GFCI	30	1.5	3	H or R	13	7-1/2	4-3/4
B221-30FGFWTST	30 amp, pullout with weather-resistant/tamper-resistant rated GFCI	30	1.5	3	H or R	13	7-1/2	4-3/4
B222-60F	60 amp, pullout	60	3	10	H or R	8-3/4	5-3/8	2-7/8
B222-60FGFST	60 amp, pullout with GFCI	60	3	10	H or R	13	7-1/2	4-3/4
B222-60FGFWTST	60 amp, pullout with weather-resistant/tamper-resistant rated GFCI	60	3	10	H or R	13	7-1/2	4-3/4
Non-fused disconnects								
B222-60NF	60 amp, pullout	60	3	10	*	8-3/4	5-3/8	2-7/8
B222-60NFGFST	60 amp, pullout with GFCI	60	3	10	*	11-3/4	6-1/2	4-1/2
B222-60NFGFWTST	60 amp, pullout with weather-resistant/tamper-resistant rated GFCI	60	3	10	*	11-3/4	6-1/2	4-1/2
B222-60NFNA	60 amp, switch	60	—	10	*	8-3/4	5-3/8	3-5/8

* Upstream overcurrent protective device (OPCD) not to exceed 60 A.

For 30 and 60 amp pullout replacement handles, order catalog number 96-3258-4.

Recommended Bussmann series fuses

Fuse class	Catalog symbol	Operation	Available amps	Data sheet no.
H	NON-(amp)	One time, general purpose	1/8 to 60	1030
R	FRN-R-(amp)	Dual element, time-delay	1/10 to 60	1019
	LPN-RK-(amp)SP (non-indicating)		1/10 to 60	1003
	LPN-RK-(amp)SPI (indicating		35 to 60	1003

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