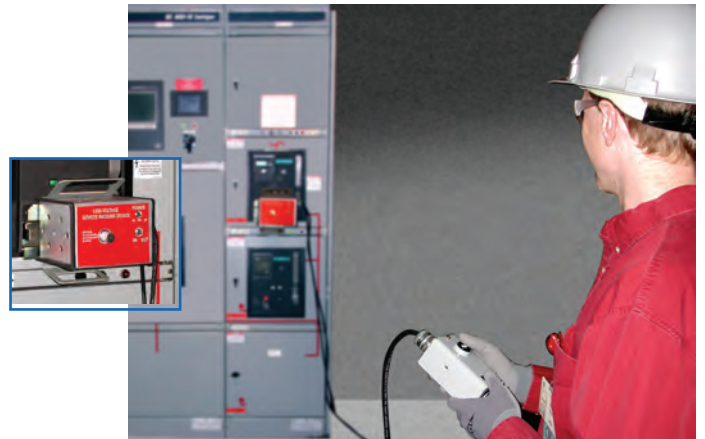


# Low Voltage Switchgear Remote Racking Devices

Electrically operated racking devices allow maintenance personnel to be up to 30 feet away from a draw-out breaker during the racking operation, beyond the arc flash boundary. These remote racking devices use a conventional 115V AC electric motor with a plug-in power cord.

Racking devices are available for AKR, WavePro™, EntelliGuard®, EntelliGuard G Breakers. Mounting varies by breaker type. Minimal modifications are required – and none for EntelliGuard G.



# Technical Specifications

## Remote operation through a cable-connected handheld control

- Electrically powered with 115V AC power (4 foot cord).
- Permits control of gearbox and racking motor from remote location, allowing the user to be remote from the breaker during the racking procedure.
- Cable allows user to be up to 30 feet away from the breaker and away from the arc flash center.
- Allows user to determine their location based on room layout.
- Simple start switch push button in handheld box.

## Portable gearbox with full operator control

- Allows the user to easily move a draw-out circuit breaker between CONNECT and DISCONNECT positions.
- Can be used with AKR, WavePro, EntelliGuard and EntelliGuard G breakers.
- Motor directional switch for IN/OUT racking control.
- Circuit breaker reset toggle switch for control power.

## Racking device

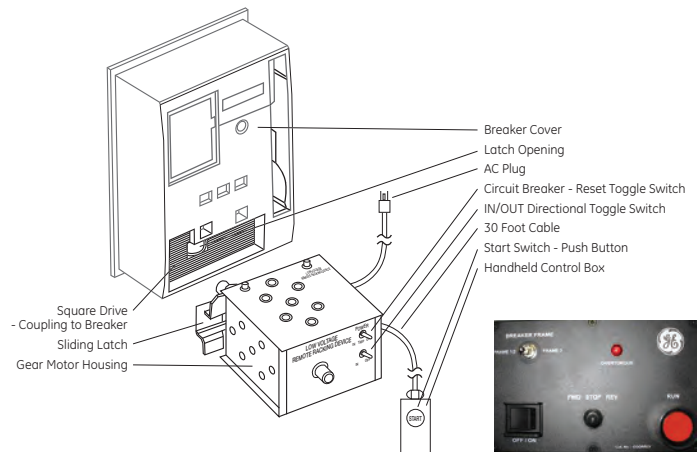
- Small frame (800 - 2000 Amp) WavePro breakers accept the racking device without modification.
- Existing large frame (3200 - 5000 Amp) WavePro breakers are made compatible by simply replacing the cubicle door.
- All EntelliGuard breakers accept the racking device without modifications.

## Retrofit Door/Cassette Options

Breaker	Option	Cat. No.
EntelliGuard G	Steel tube (replaces plastic racking handle holder)	0275B8280G001
WavePro	Retrofit doors for 3200/4000A	WPEGRRLFDR
	Retrofit doors for 3200/4000A with defeatable interlock	WPEGRRLFDRDI
	Retrofit doors for 5000A	WPEGRR50DR
	Retrofit doors for 5000A with defeatable interlock	WPEGRR50DRDI
AKR	Door modification kit (door flag assembly)	AKREGDRMOD
	Door modification drilling templates kit	AKREGDRTEMP
	AKR 30/50 AKD8 replacement 22" wide door kit with door interlock	AKR30508EG22DRDI
	AKR 30/50 AKD8 replacement 30" wide door kit with door interlock	AKR30508EG30DRDI
	AKR 30/50 AKD8 replacement 22" wide door kit	AKR30508EG22DR
	AKR 30/50 AKD8 replacement 30" wide door kit	AKR30508EG30DR
	AKR 30S AKD8 replacement 22" wide door kit with door interlock	AKR30S8EG22DRDI
	AKR 30S AKD8 replacement 30" wide door kit with door interlock	AKR30S8EG30DRDI
	AKR 30S AKD8 replacement 22" wide door kit	AKR30S8EG22DR
	AKR 30S AKD8 replacement 30" wide door kit	AKR30S8EG30DR
	AKR 75/100 AKD8 replacement 30" wide door kit with door interlock	AKR751008EG30DRDI
	AKR 75/100 AKD8 replacement 30" wide door kit	AKR751008EG30DR
	AKR 125 AKD8 replacement 38" wide door kit with door interlock	AKR1258EG38DRDI
	AKR 125 AKD8 replacement 38" wide door kit	AKR1258EG38DR

## Racking Devices and Breaker Mods

Description	Cat. No.
EntelliGuard G remote racking device	EGGRRLV
WavePro/EntelliGuard remote racking device	WPEGRRLV
WavePro large frame breaker mod kit (3200A - 5000A)	WPEGRMODL
AKR Remote Racking Device	AKREGRR
AKR 30/50 AKD6/8 Breaker Mod Kit	AKR3050EGBRMOD
AKR 30S AKD6/8 Breaker Mod Kit	AKR30SEGBRMOD
AKR 75/100 AKD8 Breaker Mod Kit	AKR751008EGBRMOD
AKR 75/100 AKD6 Breaker Mod Kit	AKR751006EGBRMOD
AKR 125 AKD8 Breaker Mod Kit	AKR125EGBRMOD



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