

BatteryLink® Automatic Charging Relay (ACR)

with optional Auxiliary Battery Priority

Automatically shares single source of charge with Auxiliary Battery

- 120A continuous rating to support high output alternators
- 12V/24V DC auto ranging voltage input
- Senses charging on two battery banks
- Side and bottom knockouts for cable connections
- Clip-on cover insulates terminal connections
- Studs accept multiple cable terminals
- One-piece stainless flange nuts ensure safe and secure connections
- Integrated LED indicates ACR status
- Quick connect terminals for ground and optional features
- Optional Auxiliary Battery Priority connection shares the alternator charge with the Auxiliary battery longer when the engine is running to allow the use of auxiliary loads for an extended period of time
- Remote LED remotely indicates ACR states - requires optional LED (p. 155)



Intermittent Rating: 5 min.	210A	
Continuous Rating	120A	
Amperage Operating Current (Combine)	175mA	
Amperage Operating Current (Open)	15mA	
Nominal Voltage	12V / 24V DC	
Cable Size (to meet current ratings)	1 AWG (50mm ²)	
Maximum Cable Size	1/0 AWG (50mm ²)	
Terminal Stud Size	3/8"-16 (M10)	
Maximum Battery Size	850 CCA	
Relay Contact Position	12V DC	24V DC
Combine (30 sec.)	13.6V DC	27.2V DC
Combine (2 min.)	13.0V DC	26.0V DC
Open Low (30 sec.)	12.75V DC	25.5V DC
Over Voltage Lockout	16.0V DC	--
Optional Auxiliary Priority		
Open Low (30 sec.)	12.25V DC	24.5V DC
Regulatory	CE marked, ISO 8846, UL 1500, meets SAE J1171 external ignition protection requirements	
	IP67 - protected against immersion up to 1 meter for 30 minutes (see inside back cover)	



cover off

IGNITION PROTECTED

Part #	Description
7611	BatteryLink ACR

For the full list of specifications see page 55
For the dimension drawing see page 43

Related Products



E-Series Battery Switch page 34



MRBF Terminal Fuse Blocks page 70



WeatherDeck OFF-ON Toggle Switch page 98



LEDs page 155

