



HL SERIES

INTERMODAL POWER CONNECTORS

The HL Series™ is a new line of power connectors designed for a broad range of reefer applications.

The series consists of interlocking receptacles in single, dual and four-gang units; standard panel mount receptacles; and plugs and in-line cord connectors. Compliance with ISO and CEE Standards, and UL listed to Standard 498, show the series' world-wide usefulness in climate extremes. Contacts are designed for superior conductivity. Housings are made of material for excellent corrosion resistance, especially in salt environments.

OTHER FEATURES & BENEFITS

- Dead front interlocking receptacles for safe electrical connections
- Pre-wired interiors for fast, cost-saving installation
- Screw-on dust caps for extra weather protection
- O-ring seals on contacts and insulator, plus a tapered grommet on the cable, insure fluids are kept out.
- Grounding contacts are longer than phase contacts to make first/break last.

PERFORMANCE CHARACTERISTICS

- Electrical ratings:
 - 60 amps @ 250VAC (150)
 - 60 amps @ 480VAC (150)
 - 32 amps @ 380/440VAC (150, CEE17)
- Environmental ratings:
 - Weatherproof—Rated 1P56
 - Meets NEMA Types 3, 4, 4x, 12 for outdoor use
 - Operating range -40°F—+250°F (+40C—+121C)

MATERIALS & FINISHES

- Interlocked Receptacles
 - Enclosure Base—stainless steel, amino-alkyd resin paint OR molded FRP.
 - Enclosure Cover—cast brass, amino-alkyd resin paint OR molded FRP.
 - External Hardware—stainless steel
 - Hub—cast aluminum with powder epoxy
- Plugs, Cord Connectors And Panel Mount Receptacles
 - Housing—molded polyamide
 - Screw cap—molded PET
 - Contacts—copper alloy
 - Grommet—neoprene
 - Hardware—stainless steel

For more information on products in this section, request **Bulletin HL-300.**

HL SERIES

PART NUMBER CODE

HL B-60 3 2-4 V 3B-M X

1. Family designation
2. Product description: B-Circuit Breaker; S-Rotary Switch; P-Plug; R-Panel Receptacle; C-Cord Connector
3. Ampere Rating: 32; 60
4. Current Carrying Poles: 3(three)
5. Voltage: 2-240V; 4-480V; 6-600V; 7-380/440V
6. Number of Receptacles per Assembly: 1; 2; 4

7. 4-Gang Receptacle Orientation (only): H-Horizontal (2 over 2); V-Vertical (Side-by-side)
8. Hub/Grommet Size:
Hub on Enclosure: 1A-1"; 1B-1½"; 1C-2"; 1D-2½"; 1E-3"
Grommet I.D. in Cord Connector: 3A-.66" (17.0mm); 3B-.70" (17.7mm); 3C-.83" (21.0mm); 3D-.75" (19.0mm); 3F-.55" (14.0mm)
9. Monitor Receptacle (optional): add M if desired
10. Enclosure Material: P-Non-metallic for single gang only; omit for metal

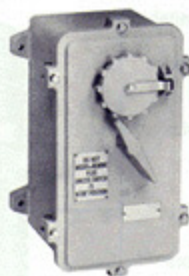
Amps	Volts	Hub Size	No. of Recept's	Receptacle Orientation	COMPLETE CATALOG NUMBERS					
					RECEPTACLE ENCLOSURE ASSEMBLIES	PANEL MOUNT RECEPTACLES	PLUGS	GROMMET I.D. ②	CORD CONNECTORS	
32	380/440	1"	1	—	HLB-3237-11A	HLR-3237	HLP-3237-3D	.75 (19mm)	HLC-3237-3D	
		1"	1	—	HLB-3237-11A-P ①					
		1½"	2	Horizontal	HLB-3237-21B					
		1½"	4	Horizontal	HLB-3237-4H1B					
60	240	1"	1	—	HLB-6032-11A	HLR-6032	HLP-6032-3C	.83 (21mm)	HLC-6032-3C	
		1"	1	—	HLB-6032-11A-P ①					
		1½"	2	Horizontal	HLB-6032-21B					
		2½"	4	Horizontal	HLB-6032-4H1D					
	480	2½"	1"	1	—	HLB-6034-11A	HLR-6034	HLP-6034-3C	.83 (21mm)	HLC-6034-3C
			1"	1	—	HLB-6034-11A-P ①				
			1½"	2	Horizontal	HLB-6034-21B				
			2½"	4	Horizontal	HLB-6034-4H1D				
		2½"	4	Vertical	HLB-6034-4V1D					

NOTES: ① Non-metallic material enclosure, all other enclosures are stainless steel with cast brass covers.
② Other grommet sizes available, consult factory.

Single-Gang Interlocked Receptacle Enclosures with Circuit Breaker

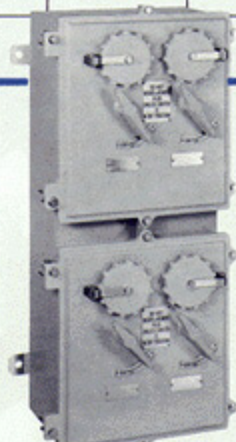
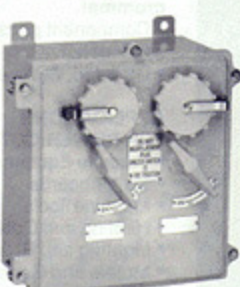


Metallic



Non-Metallic

Two-Gang Interlocked Receptacle Enclosure with Circuit Breaker

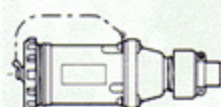


Vertical Four-Gang Interlocked Receptacle Enclosure with Circuit Breaker

Horizontal Four-Gang Interlocked Receptacle Enclosure with Circuit Breaker



Cord Connector



Plug



Panel Mount Receptacle

