Rhino-Hide® 49 Series Panel Mounted Receptacles

APPLICATION

These devices are suitable for high-amperage AC or DC loads. Typical uses are for power delivery on off-shore and land-based oil and gas rigs. Rhino-Hide devices are used by SCR drive manufacturers and top drive manufacturers to distribute power from the SCR to mud pumps and top drives.



MATERIALS	
Component	**Description**
Bus Bar Insulator	Santoprene™ thermoplastic vulcanizate (TPV)
Receptacle Housing	Powder-coated cast aluminum
Bus Bar Contact	Silver-Plated High Conductivity Copper Alloy
Clevis Pin	Stainless Steel
Padlock Bracket	Stainless Steel
Housing Gasket	Rubber
Receptacle Dust Cap	Santoprene™ thermoplastic vulcanizate (TPV)

PERFORMANCE SPECIFICATIONS	
Electrical	
Maximum Working Voltage:	1,000 Volts AC or DC
Amperage:	Up to 1,135 Amps
Connector Termination:	Bus Bar - Single Hole or Double Hole (0.65 ø)

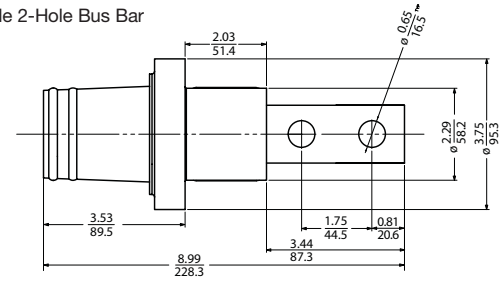
Ampacity Ratings @ Ambient 40°C (104°F)		
Cable Size	**90°C (194°F)**	**125°C (257°F)**
313 MCM	513 AMPS	636 AMPS
444 MCM	642 AMPS	796 AMPS
535 MCM	724 AMPS	898 AMPS
646 MCM	814 AMPS	1,009 AMPS
777 MCM	916 AMPS	1,135 AMPS

Environmental	
Recyclability:	Santoprene™ TPV bus bar insulator is 100% polyolefin based and recyclable
Minimum & Maximum Continuous Use Temperatures	From -60°C to 135°C (-76°F to 275°F)

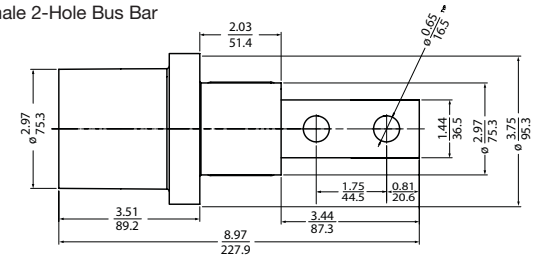
Standards and Certifications

Rhino-Hide 49 Series single pole connectors are “cURus” Recognized Components eligible for sales in Canada and the US. They meet the requirements of UL Standard 486 AB for Wire Connectors.

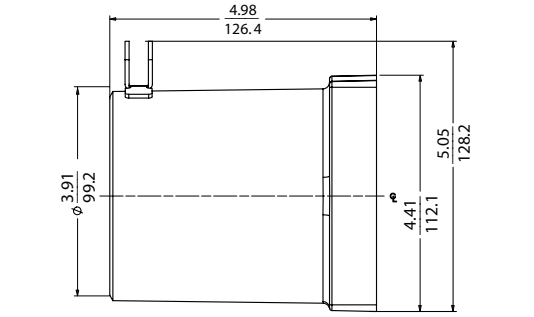
Male 2-Hole Bus Bar



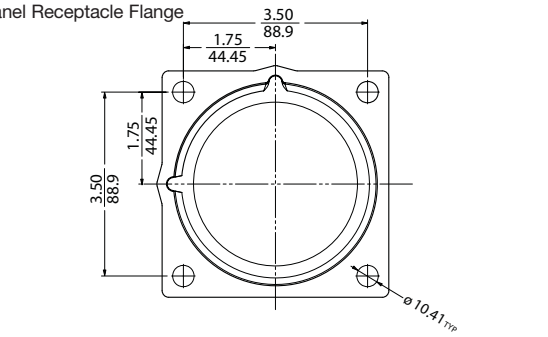
Female 2-Hole Bus Bar



Panel Receptacle Housing



Panel Receptacle Flange



Santoprene is a trademark of Advanced Elastomer Systems, LP Rhino-Hide is a registered trademark of Leviton Manufacturing Co.

Leviton Mfg. Co., Inc. 59-25 Little Neck Pkwy, Little Neck, NY 11362-2591
Tech Line: 1-800-824-3005 Fax: 1-800-832-9538 Visit our Website at: www.leviton.com/industrial

49MR (Male) and 49FR (Female) Series

SPECIFICATIONS

Rhino-Hide® 49 Series single pole panel mounted receptacles are cURus Recognized Components engineered to expectional standards for high-amperage power delivery on land-based and off-shore oil and gas rigs.

FEATURES AND BENEFITS

- Ideal for replacement, receptacles mate with other manufacturers' high-amperage single pole connectors and receptacles for fast, easy change-out.
- Color-coded receptacle housing and bus bar insulator for quick, visual identification of circuit and phase connections.
- Receptacle housings now available in Purple and Gray – an industry exclusive!
- With thermal stability ranging from -60°C to 135°C (-76°F to 275°F), the Santoprene™ Thermoplastic Vulcanizate (TPV) bus bar insulator resists cracking for greater service life.
- One clevis pin fits all in-line couplers and panel mounted receptacles. This "one pin fits all" design eliminates confusion and makes for simpler replacement part purchasing.

ORDERING INFORMATION

Complete Panel Mounted Receptacle includes bus bar with insulator, powder coated metal housing, clevis pin, gasket, and dust cap. Metal housing and replacement parts may be ordered separately.

ORDERING TABLES – MALE AND FEMALE PANEL MOUNTED RECEPTACLES

		COMPLETE MALE RECEPTACLE		COMPLETE FEMALE RECEPTACLE	
	COLOR	SINGLE HOLE BUS BAR	DOUBLE HOLE BUS BAR	SINGLE HOLE BUS BAR	DOUBLE HOLE BUS BAR
Cable Size 313 MCM Through 777 MCM	Black	49MR1-CE	49MR2-CE	49FR1-CE	49FR2-CE
	White	49MR1-CW	49MR2-CW	49FR1-CW	49FR2-CW
	Red	49MR1-CR	49MR2-CR	49FR1-CR	49FR2-CR
	Blue	49MR1-CB	49MR2-CB	49FR1-CB	49FR2-CB
	Green	49MR1-CG	49MR2-CG	49FR1-CG	49FR2-CG
Bus Bar Hole Diameter 0.65" / 16.5mm	Yellow	49MR1-CY	49MR2-CY	49FR1-CY	49FR2-CY
	Orange	49MR1-CO	49MR2-CO	49FR1-CO	49FR2-CO
	Brown	49MR1-CH	49MR2-CH	49FR1-CH	49FR2-CH
	Purple	49MR1-CP	———	49FR1-P	49FR2-P
	Gray	49MR1-CGY	———	———	———

PANEL MOUNTED RECEPTACLE ACCESSORIES AND REPLACEMENT PARTS			
CATALOG NO.	DESCRIPTION	COLOR	MATERIAL
49PNR	Clevis pin for receptacle housing	Silver	Stainless Steel
49CSR	Receptacle housing	Silver	Cast Aluminum
49DSR	Dust cover cap for male or female receptacle	Black	Santoprene™ TPV
49GAS	Gasket for receptacle housing	Black	Rubber

Features and specifications may be subject to change.

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