



GAR644C, Mechanical Grounding Connector, Cable to Rod or Pipe

By Burndy
Catalog # [GAR644C](#)



Mechanical Grounding Connector, Cable to Rod or Pipe, 8 AWG (Sol)- 4 AWG (Str), 3/8" Pipe, 5/8"-3/4" Rod, #5-#6 Rebar, Silicon bronze hardware.

Features

- Wire to Rebar
- Fence Post Grounding Connector
- Wire to Pipe
- One-wrench installation
- Rated for Direct Burial in earth or concrete
- UL467 Listed for US and Canadian Markets
- Select connectors qualified to IEEE-837-2014

Application

For Joining A Range Of Cable, Parallel Or At Right Angles To Rod Or Tube, Direct Burial Cable, Fence Post

General

Catalog Number	GAR644C
EU RoHS Indicator	Yes
Installation Torque	240 lb-in
Recommended in-lb	
Material	Copper Alloy
Material - Hardware	DURIUM™ Silicon Bronze
Plated	N
Plating Type	Bright Dipped
Sub Brand	MECHANICAL CONNECTOR
Type	GAR
U Bolt Type	269
UPC	781810238004
UPC 14 Digit GTIN	00781810238004

Dimensions

Dimension - B Length inch	1.50 in
Dimension - Height fraction	2-7/8
Dimension - Height inch	2.88 in
Dimension - Height mm	73.2 mm
Dimension - L Length Overall mm	33 mm
Dimension - Length Overall inch	1.31 in
Dimension - Outside Diameter inch	0.68 in
Dimension - Width fraction	2-1/8 in
Dimension - Width inch	2.06 in
Dimension - Width mm	52 mm

Conductor Related

Conductor - Copper Solid Size	8 AWG;7 AWG;6 AWG;5 AWG;4 AWG;3 AWG
Conductor - Copper Solid Size Range	8 AWG-4 AWG
Conductor - Copper Str Size	9 AWG;8 AWG;7 AWG;6 AWG;5 AWG;4 AWG
Conductor - Copper Str Size Range	9 AWG - 4 AWG
Conductor - Copper Tube Std Size	3/8 IPS IPS
Conductor - Copper Tube Std Size Range	3/8 IPS IPS
Conductor - Pipe or Round Tube Size	3/8 in
Conductor - Rebar Size	5 ;6
Conductor - Rebar Size Range	5 -6
Conductor - Rod Size	0.625in - 0.75in
Conductor - Rod Size Range	5/8 in-3/4 in
Conductor Type	<ul style="list-style-type: none">• CU C Solid-Size• CU C Str-Size• CU Tube Std-Size• Rod-Size

Certifications And Compliance

Buy America(n) Qualified	Buy American Act Compliant (All status valid till December 2024)
Certification - CSA Approved	No
Certification - ETL	No
Certification - UL Listed Direct Burial	Yes
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	UL467
Standards - Industry Standards Met	UL467
Standards - RoHS Compliance Status	EX
UL Listed	Yes

Logistics

Minimum Pack Quantity 1

Product Assets

- 3D Models - GAR644C_MODEL-PDF
- 3D Models - GAR644C_MODEL-STEP
- 3D Models - GAR644C_MODEL-IGES
- Catalogs - Burndy Grounding Catalog

- Catalogs - BURNDY Master Catalog - Section E2 - Mechanical Grounding
- Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog
- Customer Notices - Prop 65 Notice
- Interactive Catalog - BURNDY Full-Line Digital Catalog
- Product Cross Section Image(s) - BUR_GAR_Lineart
- Sales Drawings - SD..015789-01
- Sell Sheets - Type GAR, Parallel, 90° Connection to Rod/Pipe
- Specifications - GAR644C



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