

SPECIALTY PRODUCTS

MELTRIC manufactures a wide variety of specialty products to fit specific application needs and to help users benefit from the advantages of MELTRIC Switch-Rated plugs and receptacles wherever connections may need to be made and broken.



CORD GRIPS FOR SECURE CORD MOUNTING

P. 159

- Poly or metal
- With or without mesh
- Non-hazardous or hazardous locations



PHASE METER & VOLTAGE INDICATORS FOR TESTING MELTRIC RECEPTACLES

P. 161

- 20 A to 200 A sizes
- Test voltage presence or motor rotation
- Featuring DSN and DS inlets

CORD GRIPS

CORD GRIPS

Aluminum Cord Grips w/Metal Mesh (optional)



HANDLE NPT (C)	CABLE RANGE (B)	PART # ALUMINUM CORD GRIP	PART # ALUMINUM CORD GRIP W/MESH
1/2"	.312-.375"	CG121A	CG121AM
1/2"	.375-.438"	CG122A	CG122AM
1/2"	.438-.500"	CG123A	CG123AM
1/2"	.500-.562"	CG124A	CG124AM
1/2"	.562-.625"	CG125A	CG125AM
3/4"	.438-.500"	CG340A	CG340AM
3/4"	.500-.562"	CG341A	CG341AM
3/4"	.562-.625"	CG342A	CG342AM
3/4"	.625-.750"	CG344A	CG344AM
3/4"	.688-.812"	CG345A	CG345AM
1"	.750-.875"	CG1001A	CG1001AM
1"	.812-.938"	CG1002A	CG1002AM
1"	.875-1.000"	CG1003A	CG1003AM
1 1/4"	.875-1.000"	CG1141A	CG1141AM
1 1/4"	1.000-1.125"	CG1142A	CG1142AM
1 1/4"	1.125-1.250"	CG1143A	CG1143AM
1 1/4"	1.250-1.375"	CG1144A*	CG1144AM*

HANDLE NPT (C)	CABLE RANGE (B)	PART # ALUMINUM CORD GRIP	PART # ALUMINUM CORD GRIP W/MESH
1 1/2"	1.250-1.375"	CG1121A	CG1121AM
1 1/2"	1.312-1.437"	CG1125A	CG1125AM
1 1/2"	1.438-1.562"	CG1122A	CG1122AM
1 1/2"	1.562-1.688"	CG1123A*	CG1123AM*
1 1/2"	1.688-1.812"	CG1124A*	CG1124AM*
2"	1.688-1.812"	CG2001A	CG2001AM
2"	1.812-1.938"	CG2002A*	CG2002AM*
2"	1.938-2.062"	CG2003A*	CG2003AM*
2"	2.062-2.188"	CG2004A*	CG2004AM*
2"	2.188-2.312"	CG2005A*	CG2005AM*
2"	2.312-2.438"	CG2006A*	CG2006AM*
2 1/2"	1.938 - 2.062"	CG2120A	CG2120AM
2 1/2"	2.062-2.188"	CG2121A	CG2121AM
2 1/2"	2.188-2.312"	CG2122A	CG2122AM
2 1/2"	2.312-2.438"	CG2123A*	CG2123AM*
3"	2.437-2.625"	CG3001A	CG3001AM
3"	2.625-2.812"	CG3002A	CG3002AM

Poly Cord Grips



Handle NPT (C)	Cable Range (B)	Part # Poly Cord Grip
1/2"	.350-.520"	CG127P
3/4"	.520-.680"	CG347P
1"	.680-.980"	CG1006P
1 1/4"	.980-1.260"	CG1145P
1 1/2"	1.260-1.560"	CG1125P
2"	1.190-1.530"	CG2001P
2"	1.520-1.860"	CG2002P
2"	1.850-2.190"	CG2003P*

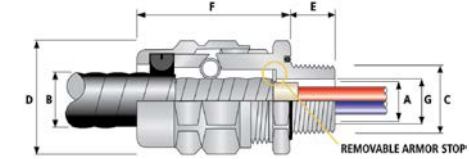
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Cord Grip

Note: * Cable may have to be stripped to pass through the bore of the cord grip body (A).

Metal Cord Grips for Hazardous Locations

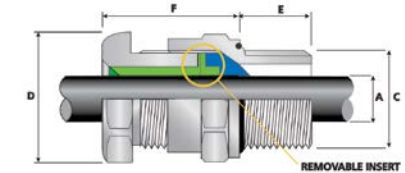
For use with Class I/II Division 2
Class 1 Zone 1
Zone 21



TMC2 Hazardous (Classified) Location Cord Grips for use with Corrugated & Interlocked Metal Clad Armor (MC) or TECK90, Continuously Welded Metal Clad Armor (MCHL), ACIC-HL, ACWU90-HL, RC90-HL, RA90-HL with an overall jacket of polymeric material.

PART # CORD GRIP	MATERIAL	ENTRY THREAD "C"	MINIMUM THREAD LENGTH "E"	CABLE ARMOR DIAMETER "A"				CABLE JACKET DIAMETER "B"		THRU BORE "G"	ACROSS FLATS "D"	ACROSS CORNERS "D"	NOMINAL ASSEMBLY LENGTH "F"
				ARMOR STOP IN	ARMOR STOP OUT	MIN	MAX	MIN	MAX				
TMC2-050NB075	Nickel Plated Brass	1/2"	0.78"	0.42"	0.55"	0.55"	0.63"	0.50"	0.75"	0.51"	1.20"	1.32"	2.44"
TMC2-050NB099	Nickel Plated Brass	1/2"	0.78"	0.60"	0.65"	0.65"	0.89"	0.69"	0.99"	0.61"	1.48"	1.63"	2.96"
TMC2-075NB118	Nickel Plated Brass	3/4"	0.80"	0.79"	0.86"	0.86"	1.10"	0.87"	1.18"	0.82"	1.81"	1.99"	3.15"
TMC2-100NB137	Nickel Plated Brass	1"	0.98"	0.94"	1.08"	1.08"	1.28"	1.02"	1.37"	1.04"	2.05"	2.26"	3.55"

For use with Class I/II Division 2
Class 1 Zone 1
Zone 21

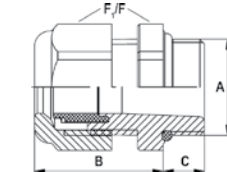


TC Hazardous (Classified) Location Cord Grips for use with all types of Unarmored Tray Cables, Extra Hard Usage Flexible Cables and Cord.

PART # CORD GRIP	MATERIAL	ENTRY THREAD "C"	MINIMUM THREAD LENGTH "E"	CABLE RANGE "A"		CABLE RANGE "A"		ACROSS FLATS "D"	ACROSS CORNERS "D"	NOMINAL ASSEMBLY LENGTH "F"
				INSERT	NO INSERT	MIN	MAX			
TC-050NB028	Nickel Plated Brass	1/2"	0.78"	0.126"	0.276"	N/A	N/A	1.201"	1.321"	1.200"
TC-050NB055	Nickel Plated Brass	1/2"	0.78"	0.256"	0.406"	0.406"	0.551"	1.201"	1.323"	1.200"
TC-075NB079	Nickel Plated Brass	3/4"	0.80"	0.437"	0.610"	0.610"	0.787"	1.476"	1.626"	1.200"
TC-100NB104	Nickel Plated Brass	1"	0.98"	0.669"	0.854"	0.854"	1.035"	1.811"	1.992"	1.650"

Fiber Reinforced Poly Cord Grips for Hazardous Locations

For use with Class I/II Division 2
Class 1 Zone 1
Zone 21



PART # CORD GRIP	CABLE RANGE	THREAD TYPE & SIZE	DIMENSIONS (INCHES)			
			CLEARANCE HOLE "A"	BODY LENGTH "B"	THREAD LENGTH "C"	WRENCH FLATS "F1/F"
CD13NA-BXA	.24 - .47"	1/2"	0.83"	1.06"	.51"	.95"
CD16NA-BXA	.39 - .55"	1/2"	0.83"	1.10"	.51"	1.06"
CD21NA-BXA	.51 - .71"	3/4"	1.05"	1.22"	.55"	1.29"
CD21NR-BXA	.35 - .63"	3/4"	1.05"	1.22"	.55"	1.29"
CD29NA-BXA	.71 - .98"	1"	1.35"	1.53"	.75"	1.65"
CD29NR-BXA	.51 - .79"	1"	1.35"	1.53"	.75"	1.65"

PHASE/VOLTAGE METERS

Phase Rotation



Handle, cord and meter assembly

Inlet

Voltage/Phase Rotation Meters offer customers an easy means of testing MELTRIC poly or metal 3P+G and 3P+N+G receptacles for voltage as well as motor rotation. The product consists of a poly inlet and poly handle wired to the meter.

Order Example

The plug with voltage indicator should be ordered to match the receptacles to be tested.



Existing 63-64043 receptacle



Matching plug with voltage assembly 63-61043-MTR

Switch-Rated Inlet and Phase Rotation Meter Assemblies

DSN Series

VOLTAGE	POLARITY	PART #				
		DSN20	DSN30	DSN60	DSN100	DSN150
208 V	3P+G	63-11123-K16-MTR	63-31163-MTR	63-61163-MTR	63-81163-MTR	63-91163-MTR
250 V	3P+G	63-11073-MTR	63-31073-MTR	63-61073-MTR	63-81073-MTR	63-91073-MTR
480 V	3P+G	63-11043-MTR	63-31043-MTR	63-61043-MTR	63-81043-MTR	63-91043-MTR
600 V	3P+G	63-11143-MTR	63-31143-MTR	63-61143-MTR	63-81143-MTR	63-91143-MTR

Notes: Contact Customer Service for price and availability of inlet and rotation meter assemblies not published here.

DS Series

VOLTAGE	POLARITY	PART #				
		DS20	DS30	DS60	DS100	DS200
208 V	3P+G	33-11163-MTR	33-31163-MTR	33-61163-MTR	33-91163-MTR	37-21163-MTR
250 V	3P+G	33-11073-MTR	33-31073-MTR	33-61073-MTR	33-91073-MTR	37-21073-MTR
480 V	3P+G	33-11043-MTR	33-31043-MTR	33-61043-MTR	33-91043-MTR	37-21043-MTR
600 V	3P+G	33-11143-MTR	33-31143-MTR	33-61143-MTR	33-91143-MTR	37-21143-MTR

Notes: Contact Customer Service for price and availability of inlet and rotation meter assemblies not published here.

PHASE/VOLTAGE INDICATOR

Voltage Indicators



Voltage Indicators offer customers a quick and efficient means of testing their MELTRIC receptacles for voltage and proper connection. The product consists of an inlet (with cap) and handle prewired to the voltage indicator. Designed to provide impact resistance for enhanced durability in all applications.

The indicator LEDs flash at different speeds depending on the voltage. The flashing speed is faster at higher voltages.



Example of proper VAC connection

For a proper connection, the phase LEDs will flash, and the ground LEDs will remain off. If ground LEDs are flashing, there is voltage present and immediate attention is required.



ChekVolt
Voltmeter Compatible
Test points + LED
Voltage presence indicators



Hazardous Location
Class I Div 2
Group A, B, C, & D
For Hazardous Location devices ONLY

Order Example

The voltage indicator should be ordered based on the receptacle to be tested.



Existing 63-34043 receptacle



Matching plug with voltage indicator 63-31043-MVI



Matching plug with voltage indicator 63-31043-MVI-CV



Matching plug with voltage indicator 22-31043-MVI-HZ

Switch-Rated Inlet and Voltage Indicator Assemblies

DSN Series

VOLTAGE	POLARITY	PART #					SUFFIX
		DSN20	DSN30	DSN60	DSN100	DSN150	CHEKVOLT
208 V	3P+G	63-11123-K16-MVI	63-31163-MVI	63-61163-MVI	63-81163-MVI	63-91163-MVI	-CV
250 V	3P+G	63-11073-MVI	63-31073-MVI	63-61073-MVI	63-81073-MVI	63-91073-MVI	-CV
480 V	3P+G	63-11043-MVI	63-31043-MVI	63-61043-MVI	63-81043-MVI	63-91043-MVI	-CV
600 V	3P+G	63-11143-MVI	63-31143-MVI	63-61143-MVI	63-81143-MVI	63-91143-MVI	-CV

Notes: Contact Customer Service for price and availability. Contact Engineering for Hazardous Location indicator.

DS Series

VOLTAGE	POLARITY	PART #					SUFFIX
		DS20	DS30	DS60	DS100	DS200	CHEKVOLT
208 V	3P+G	33-11163-MVI	33-31163-MVI	33-61163-MVI	33-91163-MVI	37-21163-MVI	-CV
250 V	3P+G	33-11073-MVI	33-31073-MVI	33-61073-MVI	33-91073-MVI	37-21073-MVI	-CV
480 V	3P+G	33-11043-MVI	33-31043-MVII	33-61043-MVI	33-91043-MVI	37-21043-MVI	-CV
600 V	3P+G	33-11143-MVI	33-31143-MVI	33-61143-MVI	33-91143-MVI	37-21143-MVI	-CV

Notes: Contact Customer Service for price and availability. Contact Engineering for Hazardous Location indicator.