

GENERATOR CONNECTION BOX

400, 800, 1200, 1600, and 2000 amp models



OVERVIEW



Power Assemblies has developed a high quality, low cost Generator Connection Box with a CAM lock quick connection system. The Generator Connection Box is often used in conjunction with a transfer switch to provide a convenient, quick connect option for emergency power. These systems feature a NEMA 4/12 enclosure and are capable of handling a range of 400 Amps to 2000 Amps. Multiple system configurations allow for numerous wiring possibilities to fit customer and building requirements.

Features and Benefits



400 to 2000 amp configurations to meet a wide variety of requirements



UL/cULus 1008 Listed



Industry standard series 16 color-coded CAMs for ease of use



NEMA 4/12 enclosure suitable for wind driven rain



Silver-plated copper bus bar for reduced resistance



ANSI-61 gray powder coated 14 gauge carbon steel



Lockable enclosure with concealed hinges for security



Drop down door provides security and safety when cables are not connected

GDS ACCESSORIES



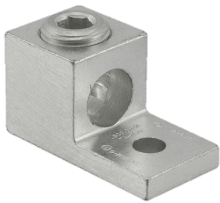
COMPRESSION LUGS



GDS Model	Wire Size	Ilscs PN
400A 3P4W 400A 3P3W	600 MCM	CLNS-600-12
400A 3P4W 400A 3P3W	3/0 AWG	CLNS-3/0-13
800A-2000A 3P4W 800A-2000A 3P3W	600 MCM	CLND-600-12-134
800A-2000A 3P4W 800A-2000A 3P3W	350 MCM	CLND-350-12-134



MECHANICAL LUGS



GDS Model	Wire Size	Ilscs PN
400A 3P4W 400A 3P3W	600 MCM	TA-600
400A 3P4W 400A 3P3W	3/0 AWG	TA-250
800A-2000A 3P4W 800A-2000A 3P3W	600 MCM	TA-600-2NS
800A-2000A 3P4W 800A-2000A 3P3W	350 MCM	TA-350-2NS



KIRK KEY

Trapped key interlock system to safeguard personnel, equipment, and processes.

GENERATOR CONNECTION BOX MINI SERIES

Agency Approvals:	cULus Listed	Encl Type:	NEMA 4/12
MPN:	GDS-OM****see chart	Mount Details:	Wall Mount
Power Input:	Series 16 CAMs	Encl Mat:	14 Ga. Carbon Steel
Power Output	Silver-Plated Copper Bus Bar	Drawings:	Available upon request
Max Voltage:	Up to 600 VAC	Enclosure Dims:	24h"x20w"x8d"
Max Amp:	400A		



PN	Amps	Volts	Phase/Wires	Color Code	Cams/Poles	NEMA
GDS-OM1A12	400	120/208V Y	3P4W	BRBWG	1	4/12
GDS-OM1B22	400	250V D	3P3W	BRBG	1	4/12
GDS-OM1C12	400	277-480V Y	3P4W	BOYWG	1	4/12
GDS-OM1D22	400	480V D	3P3W	BOYG	1	4/12

Color Codes:

Black-E	Blue-B	Green-G	Yellow-Y
Red-R	White-W	Brown-H	Orange-O

KEY FEATURES & BENEFITS

- Compact size, suitable for space constrained areas
- cULus Listed – UL1008
- NEMA 4/12 watertight enclosure
- Series 16 CAM inputs
- Lockable

GENERATOR CONNECTION BOX COMPACT SERIES



Features and Benefits



400, 800, & 1200 amp configurations



Wall mount enclosure



cULus Listed – UL1008



NEMA 4/12 watertight enclosure



Series 16 CAM inputs



Lockable

Agency Approvals:	cULus Listed	Encl Type:	NEMA 4/12
MPN:	GDS-OU****see chart	Mount Details:	Wall Mount
Power Input:	Series 16 CAMs	Encl Mat:	14 Ga. Carbon Steel
Power Output	Silver-Plated Copper Bus Bar	Drawings:	Available upon request
Max Voltage:	Up to 600 VAC	Enclosure Dims:	36h"x30w"x12d"
Max Amp:	400A, 800A, 1200A		

400A COMPACT GDS CONFIGURATIONS:

PN	Amps	Volts	Phase/Wires	Color Code	Cams/Poles	NEMA
GDS-OU1A12	400	120/208V Y	3P4W	ERBWG	2	4/12
GDS-OU1B22	400	250V D	3P3W	ERBG	2	4/12
GDS-OU1C12	400	277-480V Y	3P4W	HOYWG	2	4/12
GDS-OU1D22	400	480V D	3P3W	HOYG	2	4/12

800A COMPACT GDS CONFIGURATIONS:

PN	Amps	Volts	Phase/Wires	Color Code	Cams/Poles	NEMA
GDS-OU2A12	800	120/208V Y	3P4W	ERBWG	1	4/12
GDS-OU2B22	800	250V D	3P3W	ERBG	1	4/12
GDS-OU2C12	800	277-480V Y	3P4W	HOYWG	1	4/12
GDS-OU2D22	800	480V D	3P3W	HOYG	1	4/12

1200A COMPACT GDS CONFIGURATIONS:

PN	Amps	Volts	Phase/Wires	Color Code	Cams/Poles	NEMA
GDS-OU3A12	1200	120/208V Y	3P4W	ERBWG	3	4/12
GDS-OU3B22	1200	250V D	3P3W	ERBG	3	4/12
GDS-OU3C12	1200	277-480V Y	3P4W	HOYWG	3	4/12
GDS-OU3D22	1200	480V D	3P3W	HOYG	3	4/12

Color Codes:

Black-E	Blue-B	Green-G	Yellow-Y
Red-R	White-W	Brown-H	Orange-O

GENERATOR CONNECTION BOX STANDARD SERIES



Features and Benefits



1200, 1600, & 2000 amp configurations



Wall mount enclosure



NEMA 4/12 watertight enclosure



Series 16 CAM inputs



Lockable

Agency Approvals:	cULus Listed	Encl Type:	NEMA 4/12
MPN:	GDS-SB****see chart	Mount Details:	Wall Mount
Power Input:	Series 16 CAMs	Encl Mat:	14 Ga. Carbon Steel
Power Output	Silver-Plated Copper Bus Bar	Drawings:	Available upon request
Max Voltage:	Up to 600 VAC	Enclosure Dims:	48h"x48w"x16d"
Max Amp:	2000A Series		

1200A STANDARD CONFIGURATIONS:

PN	Amps	Volts	Phase/Wires	Color Code	Cams/Poles	NEMA
GDS-SB3A12	1200	120/208V Y	3P4W	ERBWG	3	4/12
GDS-SB3B22	1200	250V D	3P3W	ERBG	3	4/12
GDS-SB3C12	1200	277-480V Y	3P4W	HOYWG	3	4/12
GDS-SB3D22	1200	480V D	3P3W	HOYG	3	4/12

1600A STANDARD CONFIGURATIONS:

PN	Amps	Volts	Phase/Wires	Color Code	Cams/Poles	NEMA
GDS-SB4A12	1600	120/208V Y	3P4W	ERBWG	4	4/12
GDS-SB4B22	1600	250V D	3P3W	ERBG	4	4/12
GDS-SB4C12	1600	277-480V Y	3P4W	HOYWG	4	4/12
GDS-SB4D22	1600	480V D	3P3W	HOYG	4	4/12

2000A STANDARD CONFIGURATIONS:

PN	Amps	Volts	Phase/Wires	Color Code	Cams/Poles	NEMA
GDS-SB5A12	2000	120/208V Y	3P4W	ERBWG	5	4/12
GDS-SB5B22	2000	250V D	3P3W	ERBG	5	4/12
GDS-SB5C12	2000	277-480V Y	3P4W	HOYWG	5	4/12
GDS-SB5D22	2000	480V D	3P3W	HOYG	5	4/12

Color Codes: Black-E Red-R Blue-B White-W Green-G Brown-H Yellow-Y Orange-O



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