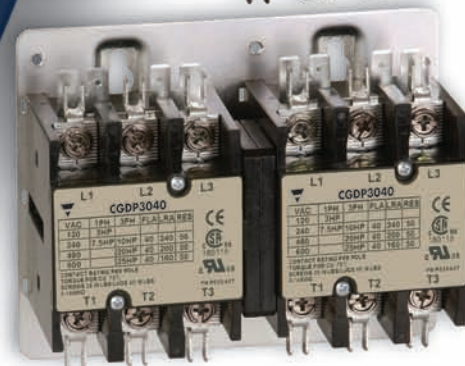
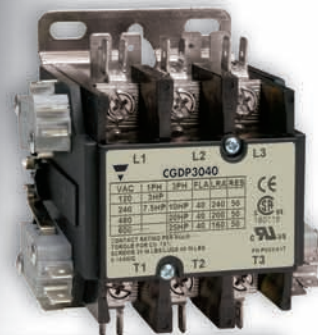
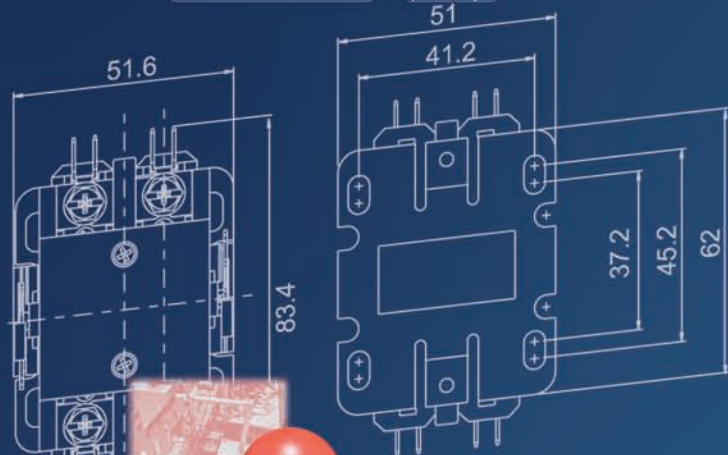
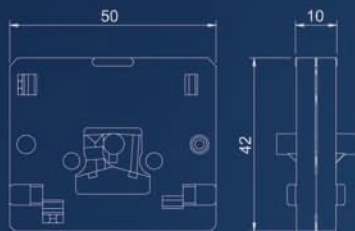


Definite Purpose Contactors

- 1, 1+Shunt, 2 and 3 Pole Versions
- Economically Priced
- Universal Mounting Plates
- Optional Auxiliary Contact Block(s)
- Optional Lug Terminals



Definite Purpose Contactors

Carlo Gavazzi introduces its new Definite Purpose Contactors designed to satisfy OEM's and end user's needs. One-pole, one-pole+shunt, two-pole and three-pole contactors provide various application solutions with great reliability and a long life cycle.

Features:

- Universal mounting plates
- Straight through wiring
- Auxiliary contact block(s) available
- Optional DIN rail mounting
- Optional lug terminals
- Cost effective
- Low coil VA
- Quiet operation

Common Applications

Heating
Ventilation
Air Conditioning
Refrigeration
Lighting
Elevators
Pumps and Compressors
Food and Beverage Industry
Pools and Spas
Welding



1-Pole+Shunt and 2-Pole Definite Purpose Contactors



CGDP-1020



CGDP-1530



CGDP-2030L

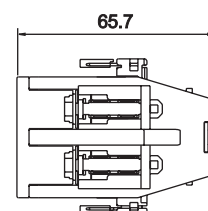
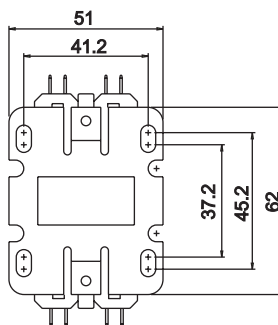
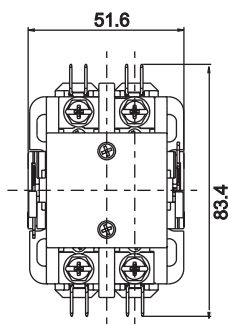


CGDP-2040

Catalog Number				CGDP-1020	CGDP-1520	CGDP-2020	CGDP-1025	CGDP-1525	CGDP-2025	CGDP-1030	CGDP-1530	CGDP-2030	CGDP-1040	CGDP-1540	CGDP-2040	
Number of Poles				1	1+ shunt	2	1	1+ shunt	2	1	1+ shunt	2	1	1+ shunt	2	
Terminal Type				Screw Terminals (Standard) or Box Lug (Optional with L Suffix)												
Top Cover				With Top Cover (Standard) or Without Top Cover (Optional with S Suffix)									With Top Cover (Standard)			
Rated Insulation Voltage (Ui)UL/IFC				600/660												
Rated Operating Voltage (Ue)UL/IFC				600/660												
Rated Thermal Current (Ith)UL/IFC				30			35			40			50			
ARI 780	Full load amps (FLA)			20			25			30			40			
	Locked rotor amps (LRA) A	1 phase Max HP	240/277V	120			150			180			240			
			480V	100			125			150			200			
			600V	80			100			120			160			
	Resistive load amps (RES)A			30			35			40			50			
UL 508	Full load amps (FLA)	1 phase Max HP	110/120V	1.5HP/20A			2HP/24A			2HP/24A			3HP/34A			
			240/277V	3HP/17A			3HP/17A			5HP/28A			7.5HP/40A			
IEC 60947-1 IEC 60947-4-1 AC 7A * AC 8A *	Rated amps (A)	1 phase Max HP	220V	20			25			30			40			
			380V	20			25			30			40			
	Resistive load amps (RES)A			32			35			40			50			
Coil Selection					24 - 120 - 208/240 - 277 - 480											
Approvals	CSA			•			•			•			•			
	CE			•			•			•			•			
	cRUus			•			•			•			•			
Approximate Weights (kg)				0.23			0.23			0.3			0.3			

* AC 7a: For electrical home appliances or similar low voltage applications
AC 8a: For control of enclosed freezers or compressors with manual overload protection

Dimensions (mm) For Models: CGDP-1020(L)~1040(L) / CGDP-1520(L)~1540(L) / CGDP-2020(L)~2040(L)



Specifications are subject to change without notice.

3-Pole Definite Purpose Contactors

CARLO GAVAZZI



CGDP-3040



CGDP-3040 F5C

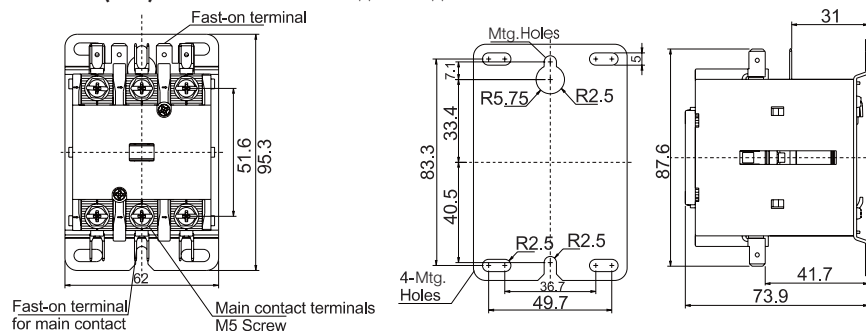


CGDP-3040L

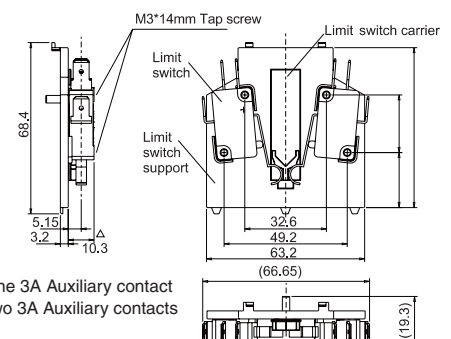
Catalog Number				CGDP-3020	CGDP-3020L	CGDP-3025	CGDP-3025L	CGDP-3030	CGDP-3030L	CGDP-3040	CGDP-3040L
Number of Poles				3							
Terminal Type*				Screw Terminals (Standard) or Box Lug (Optional with L Suffix)							
Rated Insulation Voltage (Ui)UL/IFC				600/660							
Rated Operating Voltage (Ue)UL/IFC				600/660							
Rated Thermal Current (Ith)UL/IFC				30		35		40		50	
ARI 780	Full load amps (FLA)			20		25		30		40	
	Locked rotor amps (LRA) A	1 phase Max HP	240/277V	120		150		180		240	
			480V	100		125		150		200	
			600V	80		100		120		160	
	Resistive load amps (RES)A			30		35		40		50	
UL 508	Full load amps (FLA)	1 phase Max HP	110/120V	1.5HP/20A		2HP/24A		2HP/24A		3HP/34A	
			240/277V	3HP/17A		5HP/28A		5HP/28A		7.5HP/40A	
			440/480V	5HP/14A		5HP/14A		7.5HP/21A		15HP/34A	
		3 phase Max HP	220/240V	7.5HP/22A		10HP/28A		10HP/28A		10HP/28A	
			440/480V	7.5HP/11A		15HP/21A		15HP/21A		20HP/27A	
			550/600V	7.5HP/9A		20HP/22A		20HP/22A		25HP/27A	
	Locked rotor amps (LRA) A	3 phase Max HP	220/240V	7.5HP/127A		10HP/162A		10HP/162A		10HP/162A	
			440/480V	7.5HP/63.5A		15HP/116A		15HP/116A		20HP/145A	
			550/600V	7.5HP/50.8A		20HP/116A		20HP/116A		25HP/146A	
IEC 60947-1 IEC 60947-4-1 AC 7A ** AC 8A **	Rated amps (A)	1 phase Max HP	220V	20		25		30		40	
			380V	20		25		30		40	
	Resistive load amps (RES)A			32		35		40		50	
Coil Selection		24 - 120 - 208/240 - 277 - 480									
Approvals	CSA			•		•		•		•	
	CE			•		•		•		•	
	cRUus			•		•		•		•	
Approximate Weights (kg)				0.43							

- * Different options for terminal type of power side or load side are available
 ** AC 7a: For electrical home appliances or similar low voltage applications
 AC 8a: For control of enclosed freezers or compressors with manual overload protection

Dimensions (mm) For Models: CGDP-3020(L)~3040(L)



Auxiliary contacts for 3-pole version



ACP1: One 3A Auxiliary contact
 ACP2: Two 3A Auxiliary contacts

3-Pole Reversing Definite Purpose Contactors

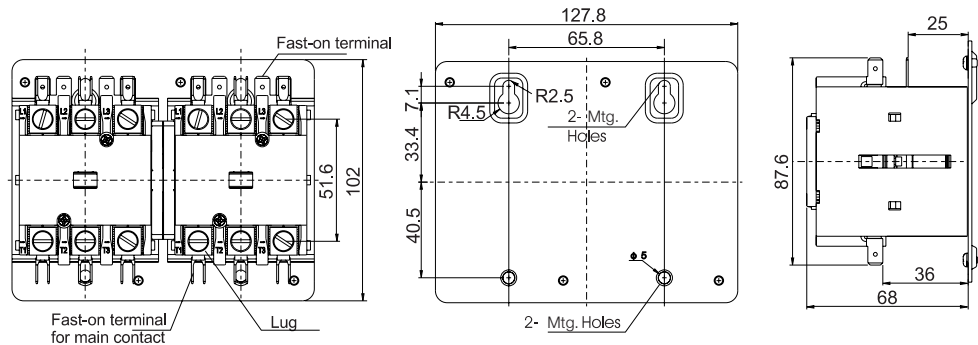


CGDPR-3040

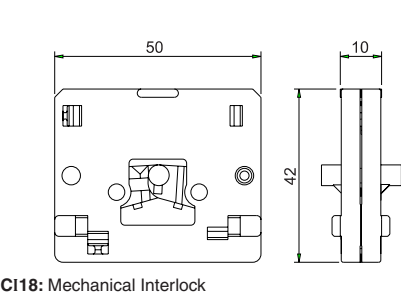
Catalog Number			CGDPR-3020	CGDPR-3020L	CGDPR-3025	CGDPR-3025L	CGDPR-3030	CGDPR-3030L	CGDPR-3040	CGDPR-3040L	
Number of Poles			3								
Terminal Type*			Screw Terminals (Standard) or Box Lug (Optional with L Suffix)								
Rated Insulation Voltage (Ui)UL/IFC			600/660								
Rated Operating Voltage (Ue)UL/IFC			600/660								
Rated Thermal Current (Ith)UL/IFC			30		35		40		50		
ARI 780	Full load amps (FLA)		20		25		30		40		
	Locked rotor amps (LRA) A	1 phase Max HP	240/277V	120		150		180		240	
			480V	100		125		150		200	
			600V	80		100		120		160	
	Resistive load amps (RES)A		30		35		40		50		
UL 508	Full load amps (FLA)	1 phase Max HP	110/120V	1.5HP/20A		2HP/24A		2HP/24A		3HP/34A	
			240/277V	3HP/17A		5HP/28A		5HP/28A		7.5HP/40A	
			440/480V	5HP/14A		5HP/14A		7.5HP/21A		15HP/34A	
			220/240V	7.5HP/22A		10HP/28A		10HP/28A		10HP/28A	
			440/480V	7.5HP/11A		15HP/21A		15HP/21A		20HP/27A	
	Locked rotor amps (LRA) A	3 phase Max HP	550/600V	7.5HP/9A		20HP/22A		20HP/22A		25HP/27A	
			220/240V	7.5HP/127A		10HP/162A		10HP/162A		10HP/162A	
			440/480V	7.5HP/63.5A		15HP/116A		15HP/116A		20HP/145A	
			550/600V	7.5HP/50.8A		20HP/116A		20HP/116A		25HP/146A	
IEC 60947-1 IEC 60947-4-1 AC 7A ** AC 8A **	Rated amps (A)	1 phase Max HP	220V	20		25		30		40	
			380V	20		25		30		40	
	Resistive load amps (RES)A		32		35		40		50		
Coil Selection		24 - 120 - 208/240 - 277 - 480									
Approvals	CSA		•		•		•		•		
	CE		•		•		•		•		
	cRUus		•		•		•		•		
Approximate Weights (kg)			1.02								

* Different options for terminal type of power side or load side are available
** AC 7a: For electrical home appliances or similar low voltage applications
AC 8a: For control of enclosed freezers or compressors with manual overload protection

Dimensions (mm) For Models: CGDP-3020(L)~3040(L)



Mechanical interlock for 3-pole version



Specifications are subject to change without notice.

How To Order

CGDP **5**

Series

CGDP : Non-Reversing Definite Purpose

CGDPR : Reversing Definite Purpose (3 Pole Only)

Pole Configuration

10 : 1 Pole **15** : 1 Pole + Shunt

20 : 2 Pole **30** : 3 Pole

Amperage Rating

20 : 20 Amps **30** : 30 Amps

25 : 25 Amps **40** : 40 Amps

Power Terminals

 : Power and Load sides with Screw (for CGDP-1P, 1.5P, 2P, 3P) (Standard)

 N : Without fast-on terminal (for CGDP-1P, 1.5P, 2P)

L : Power and Load sides with Lug (for CGDP-1P, 1.5P, 2P, 3P)

L N : Power and Load sides with Lug without fast-on terminal (for CGDP-1P, 1.5P, 2P)

M : Power side with Screw+Load side with Lug (for CGDP-1P, 1.5P, 2P, 3P)

Accessories

Blank : With Top Cover (Standard)

S : Without Top Cover

T : With Anti-dust Plate

Auxiliary Contacts

Blank : Standard (No Aux. Prop)

A : One 3A Aux (Right side x 1)

B : Two 3A Aux (Both sides x 1)

C : Three 3A Aux (Right x 2, Left x 1)

Only available on 3-pole models

Coil Frequency

5 : 50/60Hz

Coil Voltage

B : 24VAC

Y : 277VAC

F : 120VAC

Q : 480VAC

K : 208-240VAC

Z : 575VAC

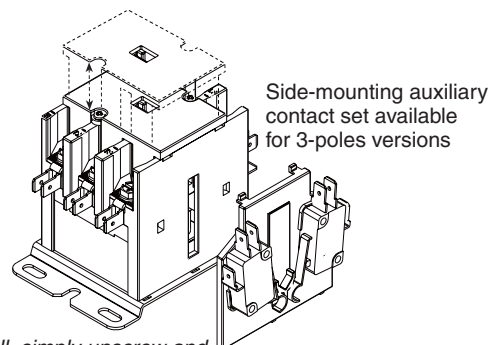
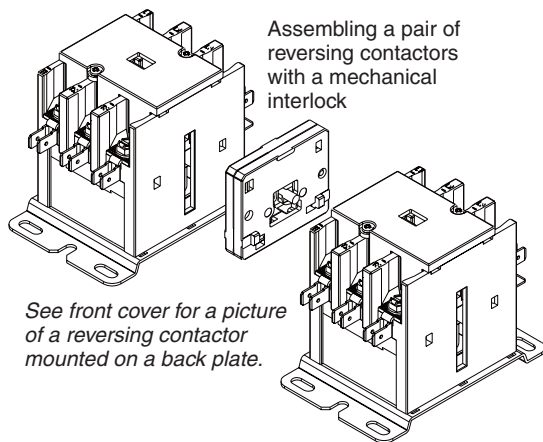
Other Coil Voltages Available Upon Request

Example: **CGDP3030LF5A** is:

3Pole, 30A, Lug type, 120 VAC, 50/60Hz, One 3A Auxiliary on right side

No spaces or any punctuation between characters

Installation of Accessories



To install, simply unscrew and remove top cover as shown above, place auxiliary contact in position, push top cover down and retighten top cover screws.

Your Authorized Distributor:

CARLO GAVAZZI
Automation Components

USA Phone: 847.465.6100 Fax: 800.222.2659

Canada Ontario: 905.542.0979 Quebec: 514.644.2544

Website www.GavazziOnline.com

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