CROHM Series CG CR

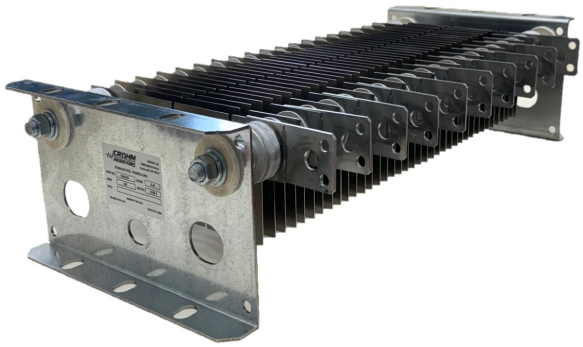
Stainless Steel Grid and Ribbon Banks

Product Application

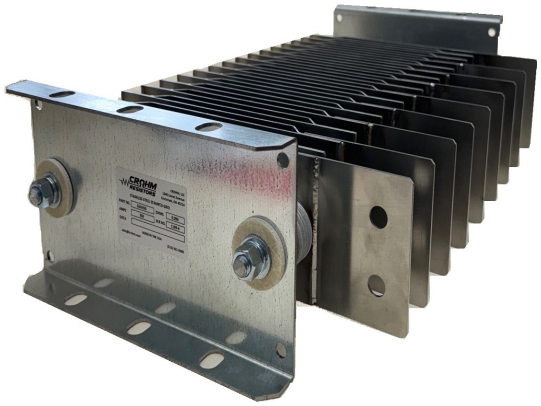
Crohm Series CG and CR grid and ribbon resistor banks are frequently used for various AC and DC power applications. The banks are frequently used in medium to heavy duty motor braking applications but, are also suitable for load bank, harmonic filtering, continuous neutral grounding and transit applications.

This rugged product features stainless steel elements installed on heavy steel frames and is suitable to use in high vibration applications such as transit and portable equipment such as generators and drilling rigs. Other common applications include overhead cranes, mining equipment, pumps and many other motor starting and stopping applications.

Crohm offers a large selection of indoor and outdoor enclosures for single to multi-bank assemblies. Contact the factory for assistance.



Series CG Grid Bank



Series CR Ribbon Bank

Product Design

Crohm Series Grid and Ribbon Banks are the most well designed resistor available today. All designs feature a high quality alloy element that is corrosion resistant. The elements are offset on each end and then welded to form a reliable continuously welded current path throughout the entire bank. The elements are mounted on heavy rods insulated by a quality silicone mica tube. Double insulation is a must and is achieved at the endframe with high temperature, high shock glastic insulation. Series CG Grid Banks feature NEMA 1 hole stainless steel terminal while Series CR Ribbon Resistors feature NEMA 2-hole stainless steel terminals that include heavy ½" bolt hardware.

Series CG Grid Resistors that feature a grid pattern that allows the current to travel both vertically and horizontally while efficiently dissipating the heat across each element and are normally used for continuous current applications below 200 amps.

Series CR Ribbon Resistors that feature a wide strip pattern that allows the current to travel back and forth horizontally while efficiently dissipating the heat across each element. The style resistors are normally used for continuous current applications above 200 amps.

CROHM Series CG CR

Stainless Steel Grid and Ribbon Banks

Product Ratings and Specifications

SINGLE BANK PART NO.	RESISTANCE IN OHMS	DOUBLE BANK PART NO.	RESISTANCE IN OHMS	TRIPLE BANK PART NO.	RESISTANCE IN OHMS	CONTINUOUS AMP RATING	NUMBER OF TERMINALS
CG39	3.93	CG39D	7.86	CG39T	11.79	39	7
CG42	3.44	CG42D	6.88	CG42T	10.32	42	7
CG47	2.48	CG47D	4.96	CG47T	7.44	47	7
CG52	2.24	CG52D	4.48	CG52T	6.72	52	7
CG58	1.98	CG58D	3.96	CG58T	5.94	58	7
CG62	1.56	CG62D	3.12	CG62T	4.68	62	7
CG72	1.24	CG72D	2.48	CG72T	3.72	72	7
CG76	1.02	CG76D	2.04	CG76T	3.06	76	7
CG84	0.93	CG84D	1.86	CG84T	2.79	84	7
CG90	0.68	CG90D	1.36	CG90T	2.04	90	7
CG100	0.61	CG100D	1.22	CG100T	1.83	100	7
CG105	0.56	CG105D	1.12	CG105T	1.68	105	7
CG112	0.53	CG112D	1.06	CG112T	1.59	112	7
CG120	0.35	CG120D	0.7	CG120T	1.05	120	7
CG130	0.29	CG130D	0.58	CG130T	0.87	130	7
CG145	0.28	CG145D	0.56	CG145T	0.84	145	7
CG153	0.27	CG153D	0.54	CG153T	0.81	153	7
CG170	0.21	CG170D	0.42	CG170T	0.63	170	7
CR200	0.209	CR200D	0.376	CR200T	0.502	200	7
CR225	0.184	CR225D	0.331	CR225T	0.442	225	7
CR260	0.164	CR260D	0.295	CR260T	0.394	260	7
CR300	0.132	CR300D	0.238	CR300T	0.317	300	7
CR350	0.096	CR350D	0.173	CR350T	0.230	350	7
CR400	0.076	CR400D	0.137	CR400T	0.182	400	7
CR450	0.056	CR450D	0.101	CR450T	0.134	450	7
CR525	0.039	CR525D	0.070	CR525T	0.094	525	7

Product Dimensions

Single Bank: 26.5”L X 12.5”W X 6”H (Mounting Dimensions: 25.25”L X 6”W, ½ Mtg. Hardware)

Double Bank: 26.5”L X 19.5”W X 6”H (Mounting Dimensions: 25.25”L X 13.75”W, ½ Mtg. Hardware)

Triple Bank: 26.5”L X 27.75”W X 6”H (Mounting Dimensions: 25.25”L X 21”W, ½ Mtg. Hardware)