



# TECTROL

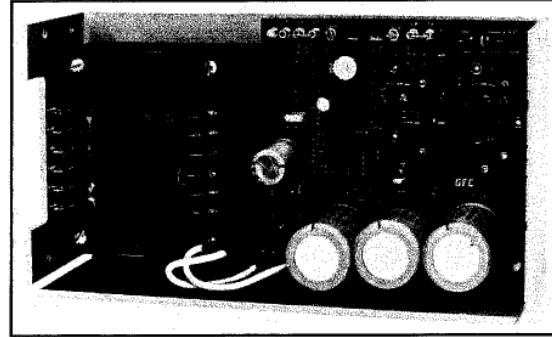
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Total Power Solutions™

# GFC

DC LINE REGULATED SUPPLIES

## GLOBAL SERIES

- Independently regulated and isolated outputs
- Unique anti-lockout design
- Forced current sharing, without external diodes
- Standard remote inhibit
- OVP standard on all 5V outputs
- Full two year warranty



### STANDARD MODELS AVAILABLE

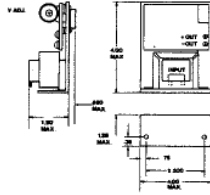
VOLTAGE	Type Number	VOLTAGE/CURRENT		CASE SIZE	VOLTAGE	Type Number	VOLTAGE/CURRENT		VOLTAGE/CURRENT	CASE SIZE					
		V	A				V	A			V	A			
SINGLE OUTPUT MODELS	5V	*GFOF M-5	5V	1.2A	A	DUAL	±5V	GHOF 1DB	5V	3.0A	5V	3.0A	BB		
	5V	GHOF 1-5	5V	3.0A	B		±5V	GHOF 2DB	5V	6.0A	5V	6.0A	CC		
	5V	GHOF 2-5	5V	6.0A	C		±12 TO ±15	GHOF 1DA	12-15V	1.5A	12-15V	1.5A	BB		
	5V	GHOF N-5	5V	9.0A	N			GHOF 2DA	12-15V	3.0A	12-15V	3.0A	CC		
	5V	GHOF 3-5	5V	12.0A	D		5V AND 12 TO 15V	GHOF 1DC	5V	3.0A	12-15V	1.5A	BB		
	5V	GHOF 4-5	5V	18.0A	E			GHOF 2DC	5V	6.0A	12-15V	3.0A	CC		
	5V	GHOF 5-5	5V	25.0A	F		5V AND 24V	GHOF 1DD	5V	3.0A	24V	0.4A	BB		
	12V	GHOF 1-12	12V	1.7A	B			GHOF 2DD	5V	6.0A	24V	2.3A	CC		
	12V	GHOF 2-12	12V	3.4A	C		Type Number	VOLTAGE/ CURRENT	VOLTAGE/ CURRENT	VOLTAGE/ CURRENT	CASE SIZE				
	12V	GHOF N-12	12V	5.1A	N										
	12V	GHOF 3-12	12V	7.0A	D		TRIPLE	GHDD 100	24V	2.0A	5V	1.5A	5V	0.5A	BAA
	12V	GHOF 4-12	12V	10.2A	E			GHDD 101	12-15V	1.0A	5V	3.0A	12-15V	1.0A	BAA
	12V	GHOF 5-12	12V	16.0A	F	GHDD 102		24V	2.0A	5V	1.0A	12-15V	0.7A	BAA	
	15V	GHOF 1-15	15V	1.5A	B	GHOF 2TA		5V	8.0A	12-15V	1.5A	12-15V	1.5A	131	
	15V	GHOF 2-15	15V	3.0A	C	<b>SPECIFICATIONS</b>									
	15V	GHOF N-15	15V	4.5A	N	<b>Input Voltage</b> 100/120/220/240VAC +10% -13%									
	15V	GHOF 3-15	15V	6.2A	D	<b>Input Frequency</b> 47-63Hz									
	15V	GHOF 4-15	15V	9.0A	E	<b>Line Regulation</b> ±.005% maximum over full range.									
	15V	GHOF 5-15	15V	15.0A	F	<b>Load Regulation</b> ±.015% from zero to full load.									
	24V	GHOF 1-24	24V	1.2A	B	<b>Output Ripple</b> less than 1mV pk-pk (DC to 100kHz).									
	24V	GHOF 2-24	24V	2.4A	C	<b>Transient Response</b> Maximum deviation less than ±1%. Recovers to within 0.5% in less than 20µsec.									
	24V	GHOF N-24	24V	3.6A	N	<b>Overvoltage Protection</b> SCR crowbar type standard on +5V outputs. Set to 6.2V ±200mV. Optional on other outputs.									
	24V	GHOF 3-24	24V	4.8A	D	<b>Operating Temperature</b> 0 to +70°C. Derate linearly above +50°C to 50% load at +70°C.									
	24V	GHOF 4-24	24V	6.0A	E	<b>Storage Temperature</b> -40°C to +85°C									
24V	GHOF 5-24	24V	12.0A	F	<b>Short Circuit and Overload Protection</b> Automatic, self recovering, controlled profile foldback and delayed re-entrant foldback type.										
28V	GHOF 1-28	28V	1.0A	B	<b>Remote Inhibit</b> Standard on series N,3,4,5, and 2TA (output 1 only).										
28V	GHOF 2-28	28V	2.0A	C	<b>Remote Sense</b> Standard on all models.										
28V	GHOF N-28	28V	3.0A	N	* These units are CSA only, 100/120VAC input, and do not include OVP, or Short Circuit and Overload Protection.										
28V	GHOF 3-28	28V	4.0A	D											
28V	GHOF 4-28	28V	5.0A	E											
28V	GHOF 5-28	28V	10.0A	F											
2 TO 6V	*GFOF M2-6	2-6V	1.0A	A											
10 TO 16V	*GFOF M10-16	10-16V	0.5A	A											
16 TO 24V	*GFOF M16-24	16-24V	0.4A	A											

Telephone: 416-631-3108

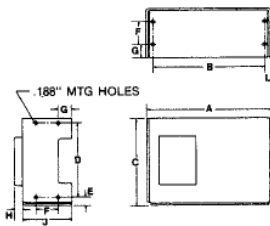
Fax: 416-638-0553

# MECHANICAL DIMENSIONS

## A CASE



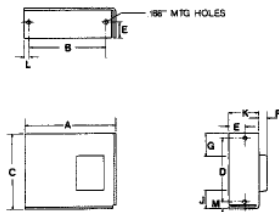
## N CASE



	Inches	mm
A	7.00	177.80
B	6.25	158.75
C	4.87	123.70
D	4.125	104.78
E	.50	12.70
F	1.25	31.75
G	.75	19.05
H	.45	11.43
J	2.75	69.85
L	.375	9.53

Overall Chassis Size — 7.00" x 4.87" x 2.75"

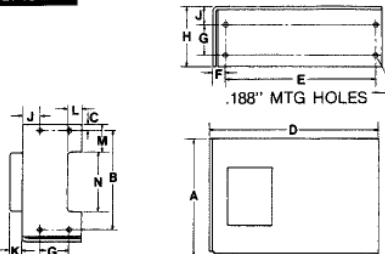
## B CASE



	Inches	mm
A	4.87	123.70
B	4.125	104.78
C	4.00	101.60
D	3.375	85.73
E	.875	22.23
F	.45	11.43
G	1.25	31.75
J	.95	24.13
K	1.62	41.15
L	.25	6.35
M	.375	9.53

Overall Chassis Size — 4.87" x 4.00" x 1.62"

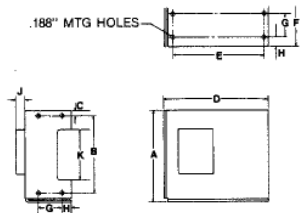
## BB CASE



	Inches	mm
A	4.87	123.70
B	4.125	104.78
C	.25	6.35
D	7.00	177.80
E	6.25	158.75
F	.50	12.70
G	1.25	31.75
H	2.50	63.50
J	.75	19.05
K	.45	11.43
L	.63	16.00
M	1.13	28.70
N	2.50	63.50

Overall Chassis Size — 4.87" x 7.00" x 2.50"

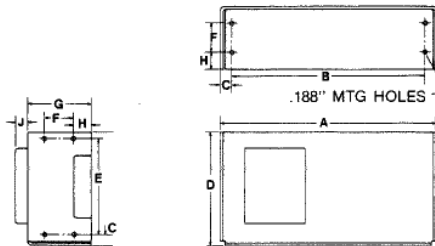
## C CASE



	Inches	mm
A	4.88	123.95
B	4.125	104.78
C	.25	6.35
D	5.63	143.00
E	4.875	123.83
F	2.50	63.50
G	1.25	31.75
H	.50	12.70
J	.45	11.42
K	2.69	68.33

Overall Chassis Size — 4.88" x 5.63" x 2.50"

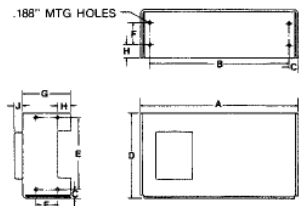
## CC CASE



	Inches	mm
A	9.38	238.25
B	8.375	212.73
C	.50	12.70
D	4.88	123.95
E	4.125	104.78
F	1.25	31.75
G	2.75	69.85
H	.75	19.05
J	.45	11.43

Overall Chassis Size — 9.38" x 4.88" x 2.75"

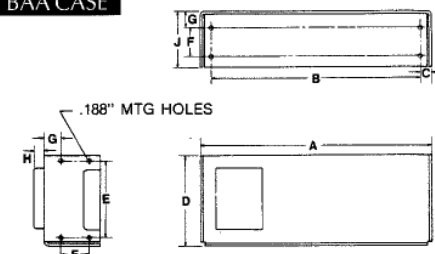
## D CASE



	Inches	mm
A	9.00	228.60
B	8.00	203.20
C	.50	12.70
D	4.88	123.95
E	4.125	104.78
F	1.25	31.75
G	2.75	69.85
H	.75	19.05
J	.45	11.43

Overall Chassis Size — 9.00" x 4.88" x 2.75"

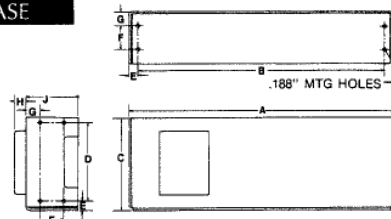
## BAA CASE



	Inches	mm
A	10.25	260.35
B	9.25	234.95
C	.50	12.70
D	4.00	101.60
E	3.375	85.73
F	1.25	31.75
G	.75	19.05
H	.45	11.43
J	2.50	63.50

Overall Chassis Size — 10.25" x 4.00" x 2.50"

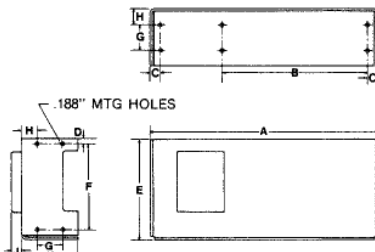
## E CASE



	Inches	mm
A	14.00	355.60
B	13.00	330.20
C	4.88	123.95
D	4.125	104.78
E	.50	12.70
F	1.25	31.75
G	.75	19.05
H	.65	16.51
J	2.75	69.85

Overall Chassis Size — 14.00" x 4.88" x 2.75"

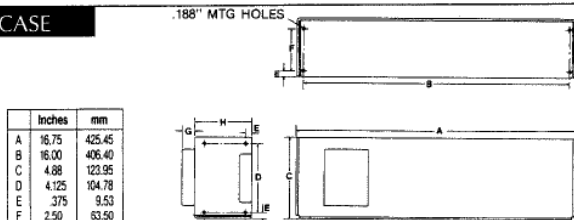
## 131 CASE



	Inches	mm
A	11.00	279.40
B	7.00	177.80
C	.50	12.70
D	.25	6.35
E	4.88	123.95
F	4.125	104.78
G	1.25	31.75
H	.75	19.05
J	.45	11.43
K	2.75	69.85

Overall Chassis Size — 11.00" x 4.88" x 2.75"

## F CASE



	Inches	mm
A	16.75	425.45
B	16.00	406.40
C	4.88	123.95
D	4.125	104.78
E	.375	9.53
F	2.50	63.50
G	.75	19.05
H	3.50	88.90

Overall Chassis Size — 16.75" x 4.88" x 3.50"