

INPUT VAC
3PH, 50/60HZ

OPTIONAL
CL 2090000
CR 2092000
OC 2091000

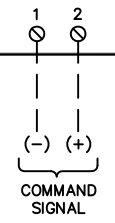
PF3 FIRING CIRCUIT
2099157

SEE CHART BELOW →

UNIT RATING	C.T. RATING	PRIMARY TURNS
30 AMP	60/5	2
60 AMP	60/5	1
90 AMP	90/5	1
120 AMP	120/5	1
180 AMP	180/5	1
225 AMP	225/5	1

C/L & O/C ONLY

- NOTES:
- 1) N.O. THERMOSTAT STANDARD N.C. OPTIONAL.
 - 2) SHOWN WIRED FOR 575V.
 - 3) ○ INDICATES PLUG IN CONNECTIONS.
 - 4) DC OUTPUT VOLTAGE WILL BE 1.35 TIMES THE 3 PHASE LINE TO LINE VOLTAGE.
 - 5) 30-60A MODELS DO NOT REQUIRE FANS OR THERMOSTATS.



VOLTAGE	R2A	R2B	R1A
120V	324K 8203243	324K 8203243	10K 8040103
240V	698K 8206983	698K 8206983	10K 8040103
480V	1.1MEG 8020115	1.1MEG 8020115	10K 8040103
575V	TWO 3.3MEG IN PARALLEL 8010335	TWO 3.3MEG IN PARALLEL 8010335	10K 8040103

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REVISIONS				REVISIONS				REVISIONS				REVISIONS					
CHANGE NO.	ECO NO.	DESCRIPTION	DATE	BY	APP	CHANGE NO.	ECO NO.	DESCRIPTION	DATE	BY	APP	CHANGE NO.	ECO NO.	DESCRIPTION	DATE	BY	APP
												3		REV TO TITLE BLOCK, NOTES	8/20/14	JDA	SCW
												1		ADDED CL	11/22/08	JF	GAS
												2		ADDED RESISTORS FOR FEEDBACK	4/20/11	RW	RW

AMETEK
HDR POWER SYSTEMS

DRAWN BY/DATE SCALE
JF 4/3/08 GAS
CHK'D BY/DATE SCALE
NTS APP'D BY GAS
CUSTOMER

TITLE
SCHEMATIC
DCPF3, 30-225A

DRAWING NO.
S2710332

SHEET 1 OF 1
REVISION 3