



ENERGIZE HIGH SPEED STARTER TO RUN DRYWELL COOLER FAN AIV212 20 HP 460V SIZE 2 STARTER

ENERGIZE LOW SPEED STARTER TO RUN DRYWELL COOLER FAN AIV212 15 HP 460V SIZE 2 STARTER

- NOTES:
- LOGIC GATE REQUIRED TO BE HARDWIRED
 - NON-IE POWER FOR THESE FANS IS SUPPLIED FROM MCC'S FED BY EMERGENCY DIESELS ON CHANNELS INDICATED POWER IS DISCONNECTED DURING LOCA CONDITIONS.
 - RESETS FOLLOWING RESTORATION OF BUS POWER

P.R.C
APERTURE
CARD

HS-9463AA

LOW FLOW (A) ← PDAL-9463AI

AUTO (Y)

MAN (A)

AIV212 STOP (R)

AIV212 START HI (R)

STOP (S) CC OC651E

MOMENTARY

CROSS REFERENCE TABLE
NON-IE POWER

COOLER NO.	FAN NO.	HANDSWITCH	LOW FLOW SWITCH	FAN AUTO START FROM	NON-IE DIESEL PWR (NOTE 2)	CHN	CKT. NO.	TC NO.	LOGIC CABINET NO.	PROCESS START INHIBIT	SEQUENCER START	BUS POWER FAILURE	RUNNING STATUS
AIV212	AIV212	HS-9463AA	9463A1	A2V212	A	OB212	1	AC658	AC658	SHT. 2 P. 1	SHT. 6 P. 1	SHT. 2, BC	OC625-N D5370
	A2V212	HS-9463AB	9463A2	AIV212	B	OB212	2	BC658	BC653	2 P. 1	6 P. 1	3, DB	OC625-N D5371
BIV212	BIV212	HS-9463BA	9463B1	B2V212	A	OB212	3	AC658	AC653	2 P. 1	6 P. 1	2, BG	OC625-N D5372
	B2V212	HS-9463BB	9463B2	BIV212	B	OB212	4	BC658	BC653	3 P. 1	6 P. 1	3, DI	OC625-N D5373
CIV212	CIV212	HS-9463CA	9463C1	C2V212	A	OB212	5	AC658	AC653	2 P. 1	6 P. 1	2, BD	OC625-N D5374
	C2V212	HS-9463CB	9463C2	CIV212	B	OB212	6	BC658	BC653	3 P. 1	6 P. 1	3, DC	OC625-N D5375
DIV212	DIV212	HS-9463DA	9463D1	D2V212	A	OB212	7	AC658	AC653	2 P. 1	6 P. 1	2, BH	OC625-N D5376
	D2V212	HS-9463DB	9463D2	DIV212	B	OB212	8	BC658	BC653	3 P. 1	6 P. 1	3, DJ	OC625-N D5377
EIV212	EIV212	HS-9463EA	9463E1	E2V212	A	OB212	9	AC658	AC653	2 P. 1	6 P. 1	2, SE	OC625-N D5378
	E2V212	HS-9463EB	9463E2	EIV212	B	OB212	10	BC658	BC653	3 P. 1	6 P. 1	3, DE	OC625-N D5379
FIV212	FIV212	HS-9463FA	9463F1	F2V212	A	OB212	11	AC658	AC653	2 P. 1	6 P. 1	2, BI	OC625-N D5380
	F2V212	HS-9463FB	9463F2	FIV212	B	OB212	12	BC658	BC653	3 P. 1	6 P. 1	3, DK	OC625-N D5381
GIV212	GIV212	HS-9463GA	9463G1	G2V212	A	OB212	13	AC658	AC653	2 P. 1	6 P. 1	2, BF	OC625-N D5382
	G2V212	HS-9463GB	9463G2	GIV212	B	OB212	14	BC658	BC653	3 P. 1	6 P. 1	3, DF	OC625-N D5383
HIV212	HIV212	HS-9463HA	9463H1	H2V212	A	OB212	15	AC658	AC653	2 P. 1	6 P. 1	2, BU	OC625-N D5384
	H2V212	HS-9463HB	9463H2	HIV212	B	OB212	16	BC658	BC653	3 P. 1	6 P. 1	3, DL	OC625-N D5385

NO.	DATE	DESCRIPTION	BY	CHKD	APP'D
1		DESIGN FREEZE ISSUE 3			
2		UNIT 2 DELETION			
3		REVISED GALLEY INTERFACE AS NOTED			
4		REVISED BATTERY TERMINALS AS NOTED			
5		REVISED AS NOTED			
6		REVISED AS NOTED			
7		ISSUED FOR CONSTRUCTION			

DRAWN: S. BAKER
 CHECKED: RCF
BECHTEL
 SAN FRANCISCO
 PUBLIC SERVICE ELECTRIC AND GAS COMPANY
 HOPE CREEK GENERATING STATION
LOGIC DIAGRAM
DRYWELL COOLER FANS
 JOB NO. 10855 DRAWING NO. H-86-0 SHT 8 REV. 5
 S/U-GT

24X

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Camera Operator

RIDS

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