



ANSI DEVICE NUMBER	ABB DEVICE NUMBER	ABB CATALOG NUMBER *
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THE TYPE DPU2000R DIGITAL PROTECTION UNIT INCLUDES THE FOLLOWING FUNCTIONS		
25-1	SYNC CHECK (BUS TO LINE)	25 587CXXXX-XXXX*
27/59	UNDER/OVER VOLTAGE	27/59 (INCLUDED*)
32R	REVERSE POWER	67 (INCLUDED)
51	PHASE TIME OVERCURRENT	51 (INCLUDED)
51G	GROUND TIME OVERCURRENT	51N (INCLUDED)
62-1,-2	BREAKER FAILURE TIMERS	62 (INCLUDED)
810/U	UNDER/OVER FREQUENCY	810/U (INCLUDED)

OTHER DEVICES			
21-2	DISTANCE RELAY	KD10	719B195A11
25-2	SYNC CHECK (GEN TO BUS)	25V	424K2105
59G	3V ₀ OVERVOLTAGE RELAY	59G	410E13X5*

* REPLACE ALL "X"s IN THE DPU & THE 59-G RELAY CATALOG NUMBER WITH PROPER DIGIT FOR SYSTEM PARAMETERS AND CONTROL VOLTAGE. ALL ABB TYPE RELAYS LISTED ARE NUMERIC OR ANALOG SOLID STATE EXCEPT THE TYPE KD10 DISTANCE RELAY. ELEMENTS OF THE DPU2000R UNIT NOT REQUIRED FOR THE PROTECTION APPLICATION MAY BE EASILY DISABLED IN THE SETTINGS PROGRAM. DEVICES 62-1 & -2 ARE TIME DELAY FUNCTIONS WITHIN THE DPU2000R UNIT AND MUST BE PROGRAMMED.

SINGLE LINE DIAGRAM (TYPICAL)		COMMONWEALTH EDISON - CO-GEN INTERFACE PROTECTION PLAN B	
ABB ALLENTOWN, PA. U.S.A.		C DWG. NO. 604778	1
BY A. HARRIS	CHD. R. S. ANDERMAN	APP. C. L. DOWNS	MICRO.
DATE 12-20-99	DATE 12/30/99	DATE 12/31/99	E.R.# AT991536
CAD. LOC. 60477801.DWG			

NO.	REVISIONS	BY & DATE	ENGINEER RELEASE #
1	PAGE 1 & 3 TITLES REVERSED	A. HARRIS 7-28-00	AT991590



