Systems Integration

ABB Variable Frequency Drive: Application 2707, ACS600

Table 1. ABB Variable Frequency Drive: Application 2707, ACS600.

Point	Type	Descriptor	Range/Units
01	LAO	CTLR ADDRESS	--
02	LAO	APPLICATION	--
03	LAI	FREQ OUTPUT	HZ
04	LAI	PCT OUTPUT	PCT
05	LAI	SPEED	RPM
06	LAI	CURRENT	A
07	LAI	TORQUE	PCT
08	LAI	POWER	PCT
09	LAI	DRIVE TEMP	DEG F (DEG C)
10	LAI	MWH	MWH
12	LAI	RUN TIME	HRS
13	LAI	DC BUS VOLT	V
20	LAO	OVRD TIME	HRS
21	LDI	FWD.REV	--
22	LDO	CMD FWD.REV	--
23	LDI	STOP.RUN	--
24	LDO	CMD STP.STRT	--
29	LDI	DAY.NIGHT	--
30	LDI	CURRENT LIM	PCT
31	LDO	ACCEL TIME 1	SEC
32	LAO	DECEL TIME 1	SEC
33	LAO	LOCK PANEL	--
34	LAO	SEL HND.AUTO	--
35	LDO	RUN ENABLE	--

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Table 1. ABB Variable Frequency Drive: Application 2707, ACS600.

Point	Type	Descriptor	Range/Units
40	LDO	CMD DRV RO 1	--
41	LDO	CMD DRV RO 2	--
42	LDO	CMD DRV RO 3	--
43	LAI	DRV ACT AO 1	MA
44	LDO	DRV ACT AO 2	MA
45	LDO	DRV ACT AI 1	V
46	LAI	DRV ACT AI 2	MA
47	LAI	DRV ACT AI 3	MA
48	LAI	CMD DRV AO 1	PCT
49	LAI	CMD DRV AO 2	PCT
50	LAI	INPUT REF 1	PCT
51	LAO	INPUT REF 2	PCT
60	LAO	PID FEEDBACK	PCT
61	LAO	PID GAIN	PCT
62	LAO	PID I TIME	SEC
63	LAI	PID D TIME	SEC
64	LAO	PID FILTER	SEC
70	LAO	DRV ACT DI 1	--
71	LAO	DRV ACT DI 2	--
72	LAO	DRV ACT DI 3	--
73	LDI	DRV ACT DI 4	--
74	LDI	DRV ACT DI 5	--
75	LDI	DRV ACT DI 6	--
76	LDI	DRV ACT RO 1	--
77	LDI	DRV ACT RO 2	--
78	LDI	DRV ACT RO 3	--
90	LAI	FAULT WORD 1	--
91	LAI	FAULT WORD 2	--

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Table 1. ABB Variable Frequency Drive: Application 2707, ACS600.

Point	Type	Descriptor	Range/Units
92	LAI	SYSTEM FAULT	--
93	LDI	OK.FAULT	--
94	LDO	RESET FAULT	--
99	LAI	ERROR STATUS	--

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