

Note: *FLN LAN and N2 I/O points for ACS800 drives*

The notice concerns	Building Automation Adapter Module NBAA-01 Installation and Start-up Guide (3AUA489002B5248 R0101 REV D or 3BFE 64307576 R0125 REV D) Appendices A and B
The notice is effective	until release of next revision
The notice contains	FLN LAN and N2 I/O points for ACS800 drives

FLN LAN points for ACS800, application 2744

Pnt	Descriptor	Type	Engr. Units (SI Units)	Slope (SI Units) On Text	Intercept (SI Units) Off Text	In EEprom	Range
1	CTRL ADDRESS	LAO	--	1	0	Yes	0 ... 98
2	APPLICATION	LAO	--	1	0	--	2744
{3}	FREQ OUTPUT	LAI	HZ	0.01	0	--	0 ... 300.00
{4}	PCT OUTPUT	LAI	PCT	0.005	0	--	0 ... 100.00
{5}	SPEED	LAI	RPM	1	0	--	0 ... 18000
{6}	CURRENT	LAI	A	0.1	0	--	0 ... 3276.7
{7}	TORQUE	LAI	PCT	0.1	-300	--	0 ... 300.0
{8}	POWER	LAI	PCT	0.1	0	--	0 ... 300.0
{9}	DRIVE TEMP	LAI	PCT	0.1	0	--	0 ... 200.0
{11}	MWH	LAI	MWH	0.1	0	--	0 ... 3276.7
{12}	RUN TIME	LAI	HRS	1	0	--	0 ... 32767
{13}	DC BUS VOLT	LAI	V	1	0	--	0 ... 1200
20	OVRD TIME	LAO	HRS	1	0	--	0 ... 255
{21}	FWD.REV	LDI	--	REV	FWD	--	0 ... 1
{22}	CMD FWD.REV	LDO	--	REV	FWD	--	0 ... 1
{23}	STOP.RUN	LDI	--	RUN	STOP	--	0 ... 1
{24}	CMD STP.STRT	LDO	--	START	STOP	--	0 ... 1
{25}	EXT1.EXT2	LDI	--	EXT1	EXT2	--	0 ... 1
{26}	HAND.AUTO	LDI	--	HAND	AUTO	--	0 ... 1
29	DAY.NIGHT	LDO	--	NIGHT	DAY	--	0 ... 1
30	CURRENT LIM	LAO	A	0.1	0	Yes	0 ... 3276.7
31	ACCEL TIME 1	LAO	SEC	0.1	0	Yes	0 ... 1800.0
32	DECEL TIME 1	LAO	SEC	0.1	0	Yes	0 ... 1800.0
33	LOCK PANEL	LDO	--	LOCK	OPEN	Yes	0 ... 1
{34}	SEL EXT1.2	LDO	--	AUTO	HAND	--	0 ... 1
{35}	RUN ENABLE	LDO	--	ON	OFF	--	0 ... 1

Pnt	Descriptor	Type	Engr. Units (SI Units)	Slope (SI Units) On Text	Intercept (SI Units) Off Text	In EEprom	Range
{40}	RELAY OUT 1	LDO	--	ON	OFF	--	0 ... 1
{41}	RELAY OUT 2	LDO	--	ON	OFF	--	0 ... 1
{42}	RELAY OUT 3	LDO	--	ON	OFF	--	0 ... 1
{43}	DRV ACT AO 1	LAI	MA	0.001	0	--	0 ... 20.00
{44}	DRV ACT AO 2	LAI	MA	0.001	0	--	0 ... 20.00
{45}	DRV ACT AI 1	LAI	V	0.001	-10	--	-10 ... 10
{46}	DRV ACT AI 2	LAI	MA	0.001	0	--	0 ... 20.000
{47}	DRV ACT AI 3	LAI	MA	0.001	0	--	0 ... 20.000
{48}	CMD DRV AO 1	LAO	PCT	0.005	0	--	0 ... 100.00
{49}	CMD DRV AO 2	LAO	PCT	0.005	0	--	0 ... 100.00
{50}	INPUT REF 1	LAO	PCT	0.005	0	--	0 ... 100.00
{51}	INPUT REF 2	LAO	PCT	0.005	0	--	0 ... 100.00
{60}	PI FEEDBACK	LAI	PCT	0.01	0	--	0 ... 100.00
61	PI GAIN	LAO	PCT	0.01	0	Yes	0.1 ... 100
62	PI I TIME	LAO	SEC	0.01	0	Yes	0.02 ... 320.00
63	PI D TIME	LAO	SEC	0.01	0	Yes	0.00 ... 10.00
64	PI D FILTER	LAO	SEC	0.01	0	Yes	0.04 ... 10.00
{70}	DRV ACT DI 1	LDI	--	ON	OFF	--	0 ... 1
{71}	DRV ACT DI 2	LDI	--	ON	OFF	--	0 ... 1
{72}	DRV ACT DI 3	LDI	--	ON	OFF	--	0 ... 1
{73}	DRV ACT DI 4	LDI	--	ON	OFF	--	0 ... 1
{74}	DRV ACT DI 5	LDI	--	ON	OFF	--	0 ... 1
{75}	DRV ACT DI 6	LDI	--	ON	OFF	--	0 ... 1
{90}	FAULT WORD 1	LAI	--	1	0	--	0 ... 16
{91}	FAULT WORD 2	LAI	--	1	0	--	0 ... 16
{92}	SYSTEM FAULT	LAI	--	1	0	--	0 ... 16
{93}	OK.FAULT	LDI	--	FAULT	OK	--	0 ... 1
{94}	RESET FAULT	LDO	--	RESET	NO	--	0 ... 1
99	ERROR STATUS	LAI	--	1	0	--	0 ... 255

N2 points for ACS800

Number	Point	Unit	Range
Analog Inputs:			
1	OUTPUT FREQUENCY	Hz	0 ... 300
2	RATED SPEED	%	0 ... 100
3	SPEED	rpm	0 ... 65535
4	CURRENT	A	0.0 ... 6553.5
5	RATED TORQUE	%	-300 ... 300
6	RATED POWER	%	-300 ... 300
7	DRIVE TEMPERATURE	%	0 ... 200
8	MEGAWATT HOURS	MWh	0 ... 3635
9	RUN TIME	h	0 ... 65535
10	DC BUS VOLTAGE	V	0 ... 1200
11	PID-CTRL ACT VALUE	%	0 ... 100
12	FAULT WORD 1		fault code
13	FAULT WORD 2		fault code
14	SYSTEM FAULT		fault code
15	AI 1 ACTUAL	V	-10 ... 10
16	AI 2 ACTUAL	mA	0 ... 20
17	AI 3 ACTUAL	mA	0 ... 20
18	AO 1 ACTUAL	mA	0 ... 20
19	AO 2 ACTUAL	mA	0 ... 20
Binary Inputs:			
1	STOP/RUN		0 = Stop, 1 = Drive Running
2	FWD/REV		0 = Forward, 1 = Reverse
3	OK/FAULT		0 = OK, 1 = Drive Faulted
4	RELAY OUTPUT 1		0 = off, 1 = on
5	RELAY OUTPUT 2		0 = off, 1 = on
6	RELAY OUTPUT 3		0 = off, 1 = on
7	DIGITAL INPUT 1		0 = off, 1 = on
8	DIGITAL INPUT 2		0 = off, 1 = on

Number	Point	Unit	Range
9	DIGITAL INPUT 3		0 = off, 1 = on
10	DIGITAL INPUT 4		0 = off, 1 = on
11	DIGITAL INPUT 5		0 = off, 1 = on
12	DIGITAL INPUT 6		0 = off, 1 = on
13	EXT1/EXT2		0 = EXT1, 1 = EXT2
14	HAND/AUTO		0 = Hand, 1 = Auto
Analog Outputs:			
1	REFERENCE 1	%	0 ... 100
2	REFERENCE 2	%	0 ... 100
3	CURRENT LIMIT	A	0 ... 6553.5
4	ACCEL TIME 1	s	0 ... 1800
5	DECEL TIME 1	s	0 ... 1800
6	PID-CONT GAIN	%	0.1 ... 100
7	PID-CONT I-TIME	s	0.2 ... 320
8	PID-CONT D-TIME	s	0 ... 10
9	PID-CONT D FILTER	s	0.04 ... 10
10	COMMAND AO 1	%	0 ... 100
11	COMMAND AO 2	%	0 ... 100
Binary Outputs:			
1	STOP/START		0 = Stop, 1 = Start to Speed
2	FORWARD/REVERSE		0 = Forward, 1 = Reverse
3	PANEL LOCK		0 = Open, 1 = Locked
4	RUN ENABLE		0 = Off, 1 = On
5	REF1/REF2 SELECT		0 = REF1, 1 = REF2
6	FAULT RESET		Change 0 → 1 Resets
7	COMMAND RO 1		0 = Off, 1 = On
8	COMMAND RO 2		0 = Off, 1 = On
9	COMMAND RO 3		0 = Off, 1 = On
