

Configuration for version 5.x 605A/B inverter.

DWN		SIZE A	DWG. NO.	RFA
CHK		/1/OBIN-04-2019.6AB.004		ISSUE
APP		SCALE	SHEET	08 May 19
EDIT	LOC			1 OF 3

Slew Rate Limit

TRUE
500 Hz/s
500 Hz/s

ENABLE
ACCEL LIMIT
DECEL LIMIT

Autotune

FALSE
CALC NO LOAD

ACTIVE
ENABLE
MODE

FALSE

Raise-Lower

FALSE
FALSE
10 s
100 %
-100 %
0 %
FALSE

OUTPUT 0 %
RAISE INPUT
LOWER INPUT
Ramp Rate
MAX VALUE
MIN VALUE
RESET VALUE
RESET

Auto Restart

FALSE
FALSE
5
0 s

PENDING
RESTARTING
ATTEMPTS LEFT
TIME LEFT

FALSE
5
10 s
10 s
0x0000
0.1 s
0.1 s
0x0000

ENABLE
ATTEMPTS
INITIAL DELAY 1
ATTEMPT DELAY 1
TRIGGERS 1
INITIAL DELAY 2
ATTEMPT DELAY 2
TRIGGERS 2

Op Station

FALSE
0x0000

OP DATABASE
OP VERSION
VIEW LEVEL
LANGUAGE
ENABLED KEYS
AUTO BACKUP
CONFIGURATION ID

ADVANCED ENGLISH
0x00F0
FALSE
AC MOTOR DRIVE

Slip Comp

FALSE
1420n/min
4
120n/min
120n/min

ACTIVE
ENABLE

NAMEPLATE RPM
MOTOR POLES
MOTORING LIMIT
REGEN LIMIT

Voltage Control

FIXED
220V
100 %

VOLTAGE MODE
MOTOR VOLTS
BASE VOLTS

Underlap Comp

FALSE

ENABLE

Pattern Gen

TRUE
9kHz
2 s

DRIVE FREQUENCY 0 Hz
VOLTS 0V
BOOST 37.3V

RANDOM PATTERN
FREQ SELECT
DEFLUX DELAY

PID

0 %
0 %
FALSE
FALSE
FALSE
1
1 s
0 s
2 s
100 %
-100 %
1

PID OUTPUT 0 %
PID ERROR 0 %

SETPOINT
FEEDBACK
SETPOINT NEGATE
FEEDBACK NEGATE
ENABLE
INTEGRAL DEFEAT
P GAIN
I TIME CONST
D TIME CONST
FILTER TC
OUTPUT POS LIMIT
OUTPUT NEG LIMIT
OUTPUT SCALING

Local Control

LOCAL/REMOTE
LOCAL/REMOTE
REMOTE
FALSE

REMOTE SEQ
REMOTE REF
SEQ MODES
REF MODES
POWER UP MODE
SEQ DIRECTION

TRUE
TRUE

Password

0x0000
0x0000
FALSE
FALSE

ENTER PASSWORD
CHANGE PASSWORD
PROTECT LOCAL SP
PROTECT OP MENU

Operator Menu

1
255
591
67
72
75
370
0
0
0
0
0
0
0

STARTUP SCREEN
OP MENU 2
OP MENU 3
OP MENU 4
OP MENU 5
OP MENU 6
OP MENU 7
OP MENU 8
OP MENU 9
OP MENU 10
OP MENU 11
OP MENU 12
OP MENU 13
OP MENU 14
OP MENU 15

Current Feedback

0 %
0A
0 %
0A
0 %
0A
0 %
0A
0 %
0A
0 %
4A
0.4A
1

MOTOR CURRENT
MOTOR CURRENT
I MAGNETISING
I MAGNETISING
I TORQUE
I TORQUE
LOAD
FIELD

FULL LOAD CALIB
NO LOAD CALIB
POWER FACTOR

Dynamic Braking

TRUE
1000hm
0.1kW
25

DC LINK VOLTS 323V
BRAKING FALSE

ENABLE
BRAKE RESISTANCE
BRAKE POWER
1 SEC OVER RATING

Current Limit

100 %
-150 %
CURRENT
TRUE

LIMITING FALSE

MOTOR I LIMIT
REGEN I LIMIT
FEEDBACK SOURCE
REGEN LIM ENABLE

Brake Control

50 %
5 Hz
3 Hz
0 s

RELEASE
HOLD

FALSE
FALSE

ON LOAD
ON FREQUENCY
OFF FREQUENCY
ON HOLD TIME
OFF HOLD TIME

Comms Control

TRUE
TRUE
0x0240
0x0000

COMMS SEQ
COMMS REF
COMMS STATUS
COMMS COMMAND

TRUE
COMMS ONLY
COMMS ONLY

REMOTE COMMS SEL
REMOTE SEQ MODES
REMOTE REF MODES
COMMS TIMEOUT

Custom Screen 1

XXXXX
A/B*X+C
100
100
0
30000
-30000

TAG NO
NAME
UNITS
DECIMAL PLACE
FORMULA
COEFFICIENT A
COEFFICIENT B
COEFFICIENT C
HIGH LIMIT
LOW LIMIT

Stabilisation

FALSE

ENABLE

Inj Braking

0.5 s
9 Hz
100 %
2 s
1 s
3 %
600 s
0 %

ACTIVE
DEFLUX TIME
FREQUENCY
I-LIM LEVEL
DC PULSE
FINAL DC PULSE
DC LEVEL
TIMEOUT
BASE VOLTS (%)

Fluxing

LINEAR LAW
100 %
V/F SCALE
280 Hz
480Hz
17 %
0 %

V/F SHAPE
V/F SCALE
BASE FREQUENCY
LIMIT FREQUENCY
FIXED BOOST
AUTO BOOST

Fly Catching

FALSE
ALWAYS
9 %
35 %
5 s
5 Hz
3 s

ACTIVE
SETPOINT 0 %

ENABLE
START MODE
SEARCH MODE
SEARCH VOLTS
SEARCH BOOST
SEARCH TIME
MIN SEARCH SPEED
REFLUX TIME

Encoder

4
0 Hz
0 n/min
0 %

POSITION
SPEED HZ
SPEED RPM
SPEED %

MODE
LINES
INVERT
RESET

QUADRATURE
1000
FALSE
FALSE

System Port (P3)

0
0

GROUP ID (GID)
UNIT ID (UID)

Tech Option

NONE
0x0000
0x0000
0x0000

FAULT
VERSION
OUTPUT 1
OUTPUT 2

NONE
0
0
0
0
0

TYPE
INPUT 1
INPUT 2
INPUT 3
INPUT 4
INPUT 5

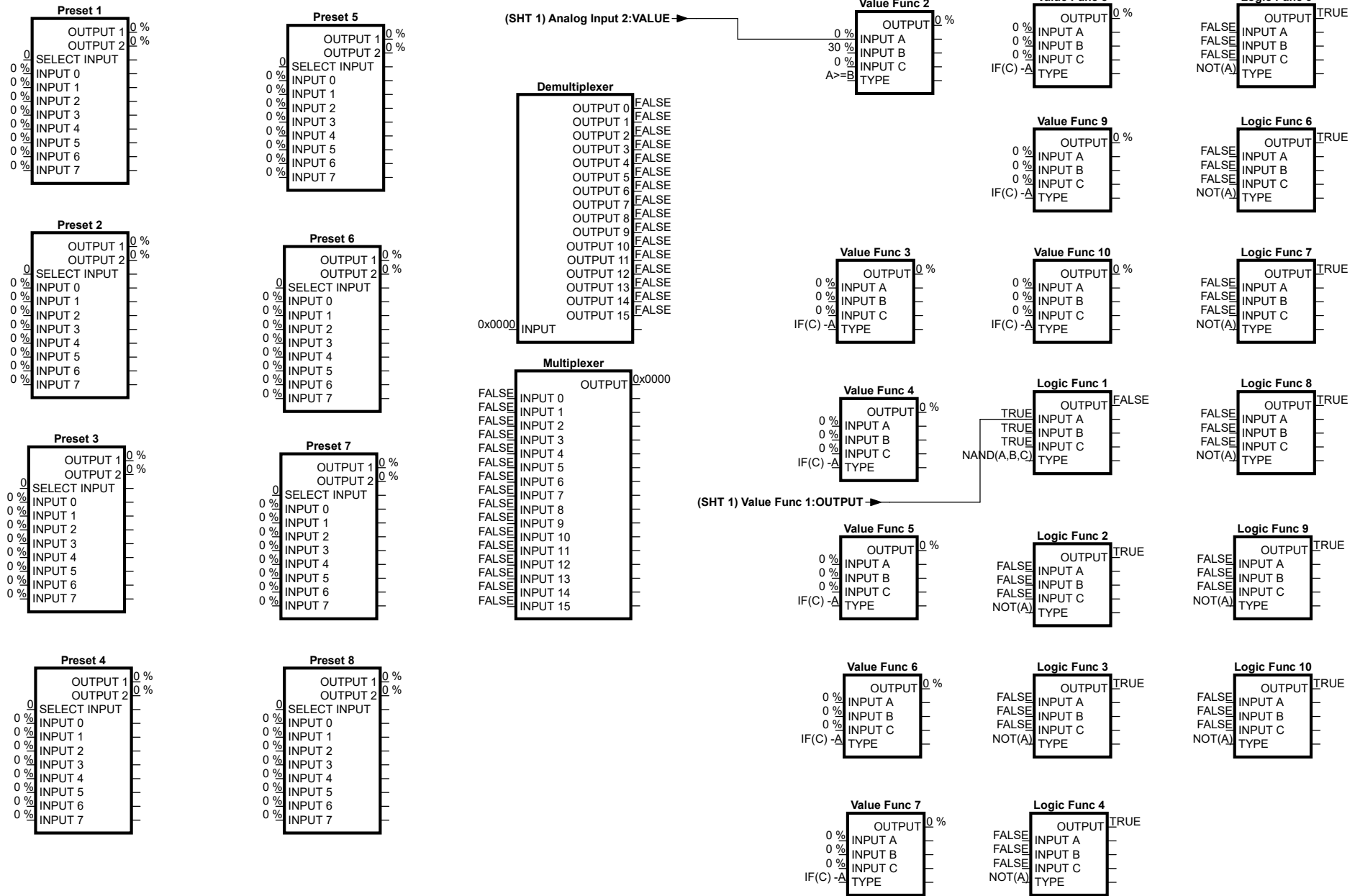
Custom Screen 2

XXXXX
A/B*X+C
100
100
0
30000
-30000

TAG NO
NAME
UNITS
DECIMAL PLACE
FORMULA
COEFFICIENT A
COEFFICIENT B
COEFFICIENT C
HIGH LIMIT
LOW LIMIT

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