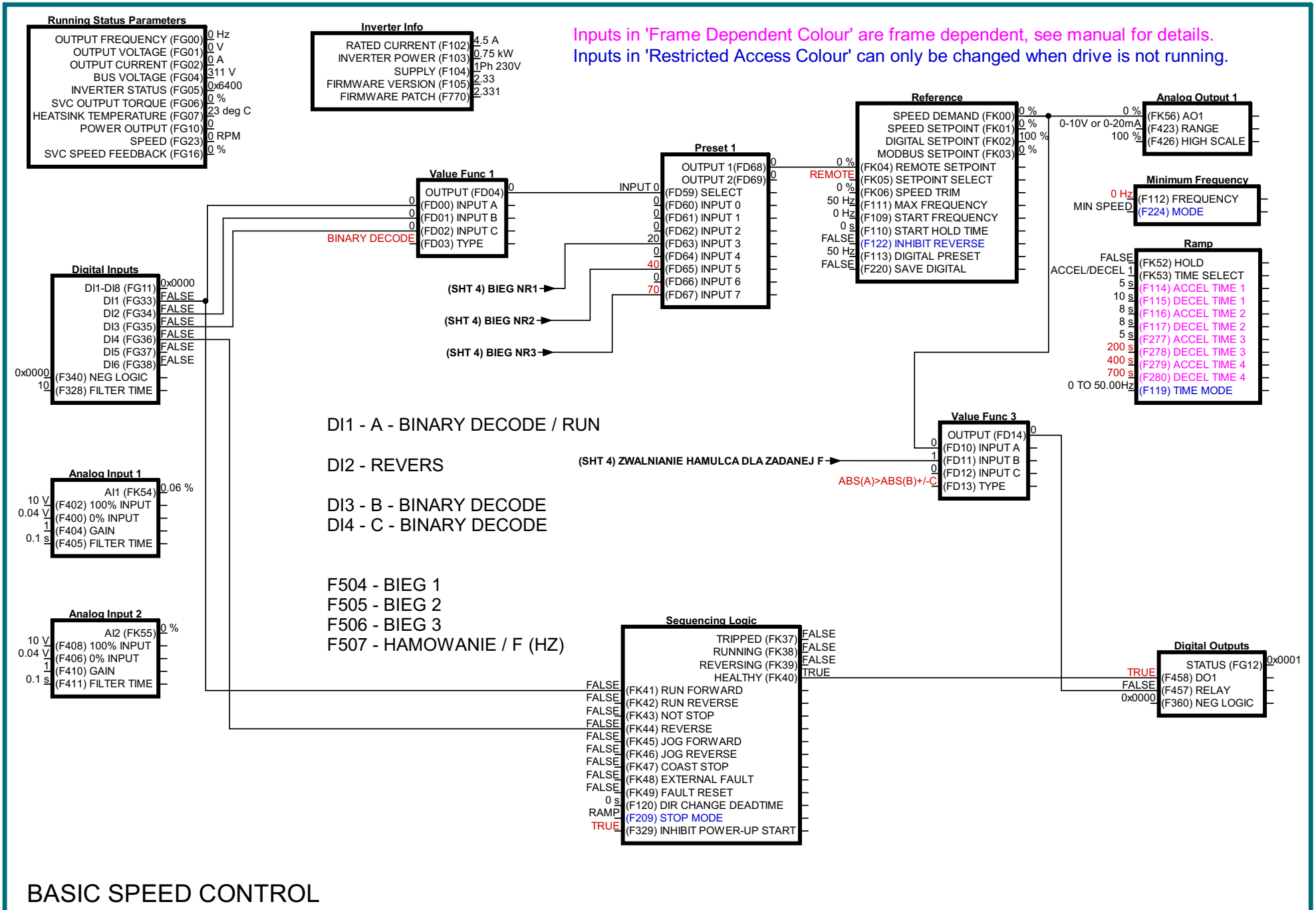


BASIC SPEED CONTROL

DWN			SIZE A	DWG. NO.	RFA
CHK		/1/obrot4.128	ISSUE		
APP			SCALE	SHEET	1 OF 6
EDIT	LOC				

Motor Control

	DWN			SIZE A	DWG. NO. RFA
	CHK		/1/obrot4.128	ISSUE	
	APP			SCALE	SHEET 2 OF 6
	EDIT	LOC			

Trips and Protection

Fault History

[NEWEST] FAULT 1 (F708)	NONE
FREQUENCY 1 (F711)	0 Hz
CURRENT 1 (F712)	0 A
VOLTAGE 1 (F713)	0 V
FAULT 2 (F709)	NONE
FREQUENCY 2 (F714)	0 Hz
CURRENT 2 (F715)	0 A
VOLTAGE 2 (F716)	0 V
[OLDEST] FAULT 3 (F710)	NONE
FREQUENCY 3 (F717)	0 Hz
CURRENT 3 (F718)	0 A
VOLTAGE 3 (F719)	0 V
OVER CURRENT COUNT (F720)	0
OVER CURRENT 1 COUNT (F739)	0
OVER VOLTAGE COUNT (F721)	0
OVER TEMPERATURE COUNT (F722)	0
OVERLOAD COUNT (F723)	0

V/Hz Protection

DISABLED	(F607) PROTECTION MODE
160 %	(F608) CURRENT LIMIT
130 %	(F609) VOLTAGE LIMIT
60 s	(F610) PROTECTION TIMEOUT

Current Limit SVC

2	(F822) CURRENT LIMIT

Overcurrent 1 Protection

TRUE	(F737) ENABLE TRIP
2.5	(F738) TRIP LEVEL

Motor Overload Protection

MODE 1	(F753) MODE
80 %	(F705) WARNING TIME
100 %	(F707) CURRENT LEVEL
60	(F750) MAX TIME

Inverter Overload Protection

80 %	(F704) WARNING TIME
150 %	(F706) CURRENT LEVEL

Analog Input Break Protection

DISABLED	(F741) MODE
50 %	(F742) TRIP THRESHOLD

Input Phase Loss Protection

TRUE	(F724) ENABLE TRIP
0.5 s	(F728) FILTERING TIME CONSTANT

Output Phase Loss Protection

FALSE	(F727) ENABLE TRIP

Under Voltage Protection

200 V	(F732) TRIP THRESHOLD
5 s	(F729) FILTERING TIME CONSTANT

Over Temperature Protection

TRUE	(F726) ENABLE TRIP
5 s	(F730) FILTERING TIME CONSTANT
80 %	(F745) WARNING THRESHOLD
TRUE	(F747) AUTO-ADJUST SWITCHING FREQ
RUNNING STATE	(F702) FAN CONTROL

Auxiliary Functions

DC Braking

	BRAKING THRESHOLD (F611)	380 V
DISABLED	(F600) MODE	
1 Hz	(F601) INITIAL FREQUENCY	
10 %	(F602) STARTING EFFICIENCY	
10 %	(F603) STOPPING EFFICIENCY	
0.5 s	(F604) STARTING TIME	
0.5 s	(F605) STOPPING TIME	
80 %	(F612) BRAKING DUTY RATIO	
TRUE	(F622) AUTO DUTY RATIO	

Flycatching

DISABLED	(F613) FUNCTION
FROM MAX FREQUENCY	(F614) MODE
20	(F615) RATE
60 s	(F619) FAULT TIMEOUT
100	(F627) CURRENT LIMITING

Auto-Start

FALSE	(F213) AFTER REPOWERED
FALSE	(F214) AFTER FAULT RESET
60 s	(F215) START DELAY TIME
0	(F216) MAX RETRIES
3 s	(F217) RESET DELAY TIME

VDC Adjustment

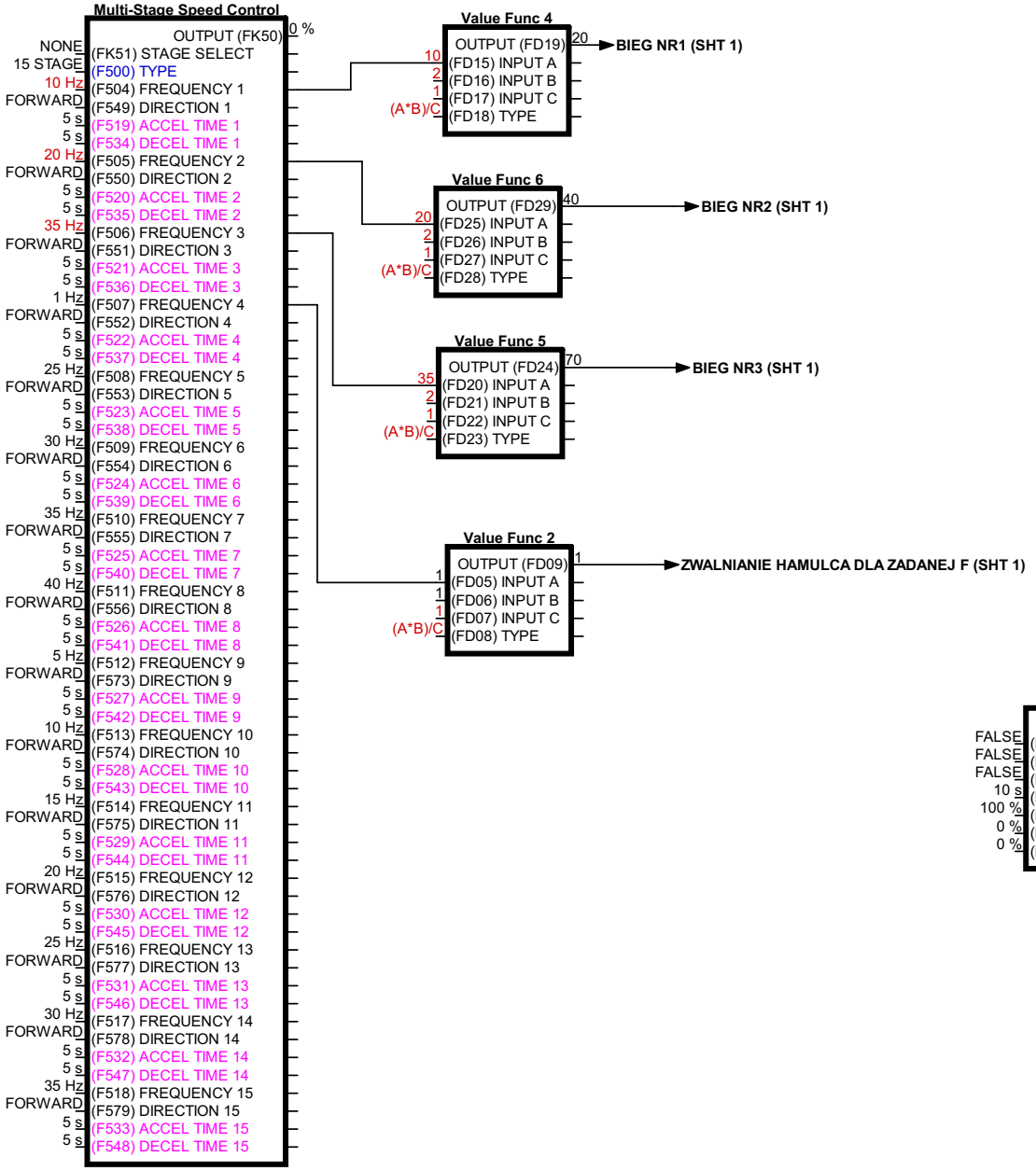
DISABLED	(F631) MODE
380 V	(F632) TARGET VOLTAGE

High-Frequency Performance

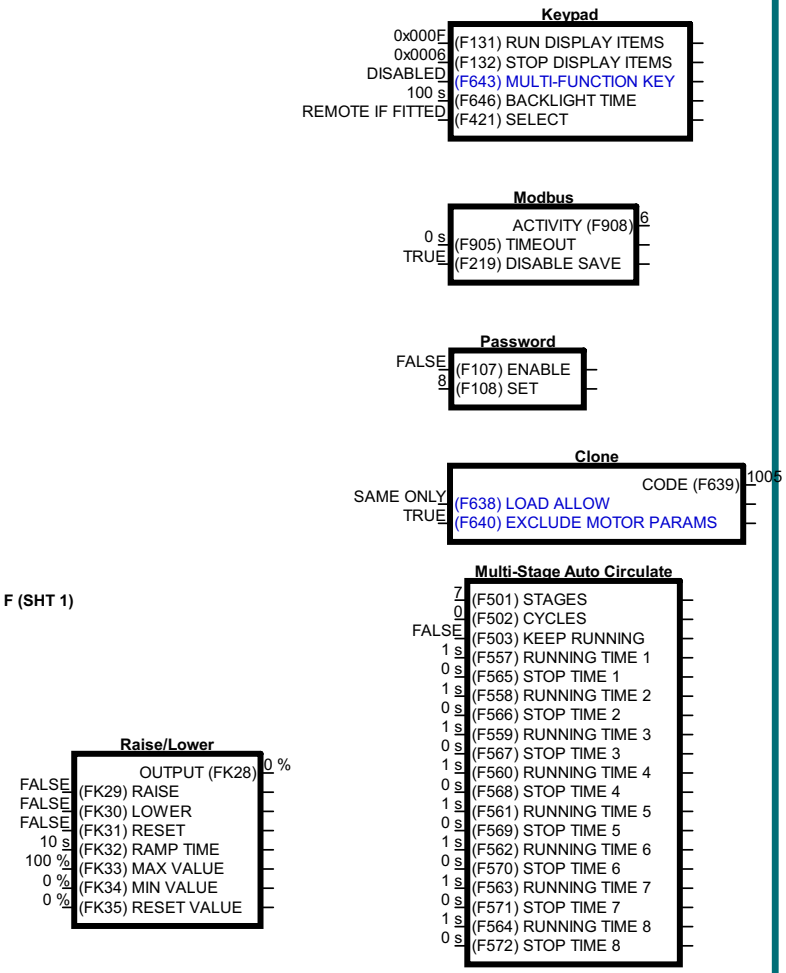
MODE 1	(F650) MODE
100	(F651) ENABLE FREQUENCY
95	(F652) DISABLE FREQUENCY

DWN			SIZE A	DWG. NO.	RFA
CHK		/1/obrot4.128	ISSUE		
APP			SCALE	SHEET	3 OF 6
EDIT	LOC				

Multi-stage Speed Control

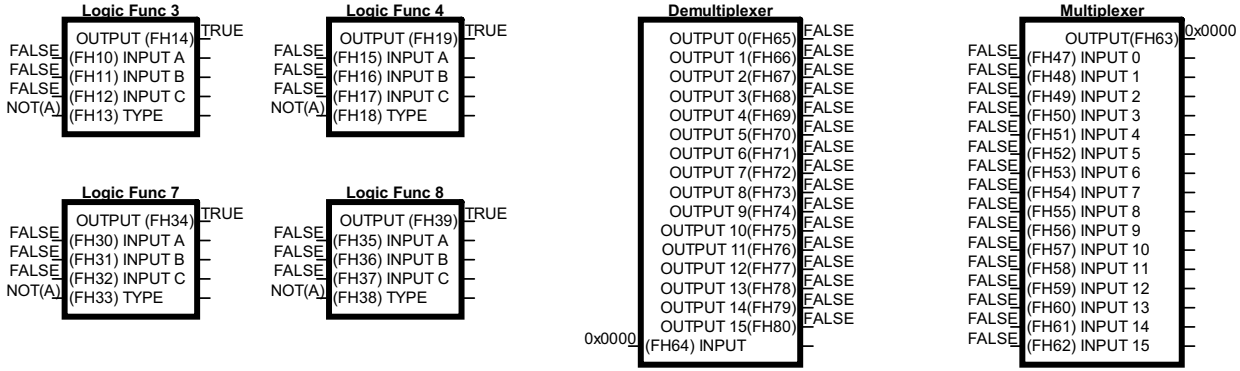


Other



	DWN			SIZE A	DWG. NO. RFA
	CHK		/1/obrot4.128	ISSUE	
	APP			SCALE	SHEET 4 OF 6
	EDIT	LOC			

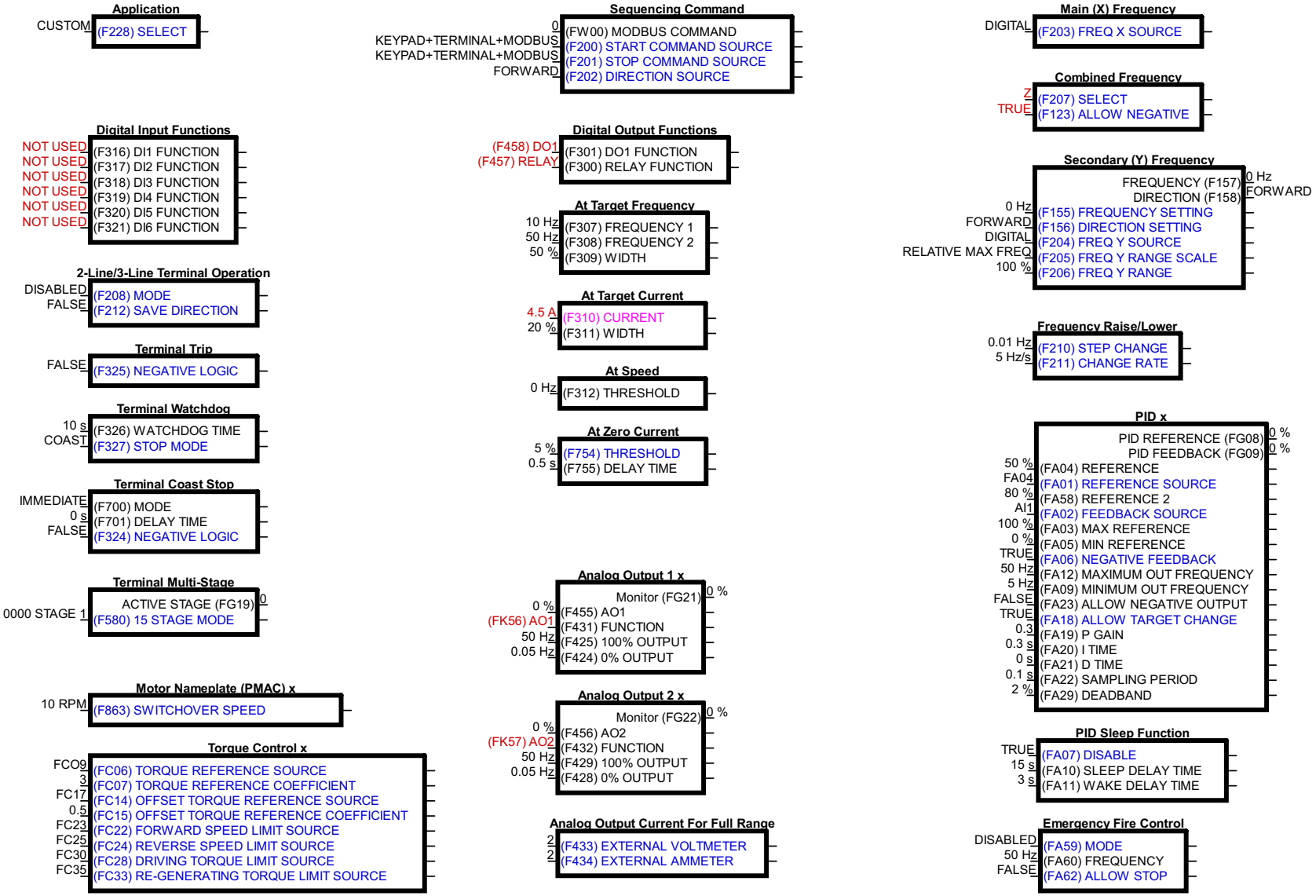
General Purpose Blocks



	DWN			SIZE A	DWG. NO. RFA
	CHK		/1/obrot4.128	ISSUE	
	APP			SCALE	SHEET 5 OF 6
	EDIT	LOC			

Deprecated Blocks

Avoid using theses blocks, their functionality has been superseded and only are included in order to provide backward compatibility.



DWN			SIZE A	DWG. NO.	RFA
CHK		/1/obrot4.128	ISSUE		
APP			SCALE	SHEET	6 OF 6
EDIT	LOC				