

## COMMISSIONING CONFIGURATION RECORD — SCREENS

DRIVE NO: \_\_\_\_\_ MODEL: \_\_\_\_\_

LOCATION: \_\_\_\_\_

MOTOR kW: \_\_\_\_\_ A: \_\_\_\_\_ V: \_\_\_\_\_

POLES: \_\_\_\_\_ RPM: \_\_\_\_\_

RECORD 1    RECORD 2

DATE:                    \_\_\_/\_\_\_/\_\_\_    \_\_\_/\_\_\_/\_\_\_

BY:                        \_\_\_\_\_

	SCREEN	UNIT	DATE	DATE
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**KEYBOARD CONTROLS**

A1    LOCAL MODE=SP                    \_\_\_\_\_

A2    LOCAL TQ=+0.0%    %                    \_\_\_\_\_

A3    LOCAL SP=+100.0% %                    \_\_\_\_\_

**COMPARATOR CONTROLS**

C1    COMP1 SEL=02                    \_\_\_\_\_

C2    COMP1 ON =+100% %                    \_\_\_\_\_

C3    COMP1 OFF=+90% %                    \_\_\_\_\_

C4    COMP2 SEL=02                    \_\_\_\_\_

C5    COMP2 ON =+100% %                    \_\_\_\_\_

C6    COMP2 OFF=+90% %                    \_\_\_\_\_

**DYNAMIC BRAKE CONTROLS**

D1    DB TIME=0s            SEC                    \_\_\_\_\_

D2    DB DUTY=OFF            %                    \_\_\_\_\_

**SERIAL COMMUNICATIONS CONTROLS**

H1    PROTOCOL                    \_\_\_\_\_

H2    COMS T/O=OFF            SEC                    \_\_\_\_\_

H3a    COMMS ADR=10                    \_\_\_\_\_

H3b    BAUDRATE=9600                    \_\_\_\_\_

H4a    MAC ID=63                    \_\_\_\_\_

H4b    BAUDRATE=125kps                    \_\_\_\_\_

H4c    ASM IN=70                    \_\_\_\_\_

H4d    ASM OUT=20                    \_\_\_\_\_

H4e    CTRL SRC=00                    \_\_\_\_\_

H4f    REF SRC=00                    \_\_\_\_\_

**INPUT CONTROLS**

I1    LOCAL S/STP=NONE                    \_\_\_\_\_

I2    REF S=LOCAL                    \_\_\_\_\_

I3    REF T=NULL                    \_\_\_\_\_

I4    AREF S=LOCAL                    \_\_\_\_\_

I5    AREF T=NULL                    \_\_\_\_\_

I6a    AI1=0-10V                    \_\_\_\_\_

	SCREEN	UNIT	DATE	DATE
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I6b    AI1 LO=-100%                    %                    \_\_\_\_\_

I6c    AI1 HI=+100%                    %                    \_\_\_\_\_

I6d    AI2=0-10V                    \_\_\_\_\_

I6e    AI2 LO= -100%                    %                    \_\_\_\_\_

I6f    AI2 HI=+100%                    %                    \_\_\_\_\_

I6g    ZERO BAND=Y/N                    \_\_\_\_\_

I7a    I/P MODE=0                    \_\_\_\_\_

I7b    POLARITY=Hi                    \_\_\_\_\_

I7c    MF1 SEL=00                    \_\_\_\_\_

I7d    MF2 SEL=00                    \_\_\_\_\_

I7e    MF3 SEL=00                    \_\_\_\_\_

I7f    MF4 SEL=00                    \_\_\_\_\_

I7g    MF5 SEL=00                    \_\_\_\_\_

I7h    MF6 SEL=00                    \_\_\_\_\_

I8a    F LO =-100%                    %                    \_\_\_\_\_

I8b    F HI = +100%                    %                    \_\_\_\_\_

I8c    FIBRE MODE                    \_\_\_\_\_

**L LIMITS**

L2    MIN S=-110%                    %                    \_\_\_\_\_

L3    MAX S=+110%                    %                    \_\_\_\_\_

L4    MIN T=-150%                    %                    \_\_\_\_\_

L5    MAX T=+150%                    %                    \_\_\_\_\_

L6    SP T/O=INF                    \_\_\_\_\_

L7    TQ T/O=INF                    \_\_\_\_\_

L8    REGEN=150%                    %                    \_\_\_\_\_

L9    I LIMIT=AMPS                    \_\_\_\_\_

L10    SKIP1=+0.0%                    %                    \_\_\_\_\_

L11    SKIP2=+0.0%                    %                    \_\_\_\_\_

L12    SK BW=0.0%                    %                    \_\_\_\_\_

**MULTI-REFERENCE**

M1    MREF1=+0.00%                    %                    \_\_\_\_\_

M2    MREF2=+0.00%                    %                    \_\_\_\_\_

M3    MREF3=+0.00%                    %                    \_\_\_\_\_

M4    MREF4=+0.00%                    %                    \_\_\_\_\_

M5    MREF5=+0.00%                    %                    \_\_\_\_\_

M6    MREF6=+0.00%                    %                    \_\_\_\_\_

M7    MREF7=+0.00%                    %                    \_\_\_\_\_

**MOTOR NAMEPLATE PARAMETERS**

N1    MTR CUR                    AMP                    \_\_\_\_\_

N2    MTR VOLT=400V                    VOLT                    \_\_\_\_\_

<b>COMMISSIONING CONFIGURATION RECORD — SCREENS</b>
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SCREEN	UNIT	DATE	DATE		SCREEN	UNIT	DATE	DATE
N3	MTR FRQ=50Hz	Hz	_____	_____	<b>START/STOP MODES</b>			
N4	MTR PWR	kW	_____	_____	S1	START=NORMAL	_____	_____
N5	MTR RPM	RPM	_____	_____	S2	STOP=NORMAL	_____	_____
N6	MTR COOL=40%	%	_____	_____	S4	ASTOP=NORMAL	_____	_____
N8	ENCODER=1000		_____	_____	S5	STR DLY=0.05s	SEC	_____
N9	ENC I/P=DIFF		_____	_____	S6	OFF DLY=1.05s	SEC	_____
<b>OUTPUT SIGNALS</b>					S7	LOW V TRIP=N/Y		_____
O1a	AO1 O/P=06		_____	_____	S8	BRAKE I=0%	%	_____
O1b	AO1=0-10V		_____	_____	<b>IMPEDANCES AND GAINS</b>			
O1c	AO1 LO= -100%	%	_____	_____	X1	CTRL TYPE=V/Hz		_____
O1d	AO1 HI=+100%	%	_____	_____	X3a	Lm=190%	%	_____
O1e	AO2 O/P=02		_____	_____	X3b	Rs=3.0%	%	_____
O1f	AO2=0-10V		_____	_____	X3c	Rr=3.0%	%	_____
O1g	AO2 LO= -100%		_____	_____	X3d	SIGMA=5.0%	%	_____
O1h	AO2 HI=+100%	%	_____	_____	X3e	FL WEAK=100%	%	_____
O2a	RELAY1=02		_____	_____	X4a	MIN FLX=100%	%	_____
O2b	RELAY1 INV=N		_____	_____	X4b	STR TYPE=AUTO		_____
O2c	RELAY2=05		_____	_____	X4c	STR TQ=0%	%	_____
O2d	RELAY2 INV=N		_____	_____	X4d	STR BAND=0%	%	_____
O2e	RELAY3=08		_____	_____	X4f	Kp w=20%	%	_____
O2f	RELAY3 INV=N		_____	_____	X4g	Ki w=30%	%	_____
O3a	FIBRE O/P=06		_____	_____	X4h	Kd w=0%	%	_____
<b>PROCESS</b>					X5a	ILT SLP	%	_____
P1	PR SRC		_____	_____	X5b	VLT SLP	%	_____
P2	FB SRC		_____	_____	X5c	DAMPING	%	_____
P3	Kc = 0.1		_____	_____	X5d	SLIP COMP=N/Y		_____
P4	Ti = INF	SEC	_____	_____	X5e	FREQ=AUTO		_____
P5	Td = 0.0s	SEC	_____	_____	X5f	SWITCH FR=VW	Hz	_____
<b>ACCELERATION RATES</b>					X5g	Kp I=25%	%	_____
R1	ACC=10.0%/s	%/SEC	_____	_____	X5h	Ki I=13%	%	_____
R2	DEC=10.0%/s	%/SEC	_____	_____	X5i	Kf w=100%	%	_____
R3	AACC=10.0%/s	%/SEC	_____	_____	<b>MENU OPTIONS</b>			
R4	ADEC=10.0%/s	%/SEC	_____	_____	Y1	LANGUAGE=1		_____
R5	BRK SP=OFF	%	_____	_____	Y3	PROGRAM		_____
R6	STOPR=3000%/s	%/SEC	_____	_____	<b>COMMISSION = Y/N</b>			
R7	SP FILT=0.0s	SEC	_____	_____	Z1	PASSWRD=OFF		_____
R8	TQ FILT=0.0%	%	_____	_____	Z2	S/W REVISION		_____
					Z2	H/W REVISION		_____