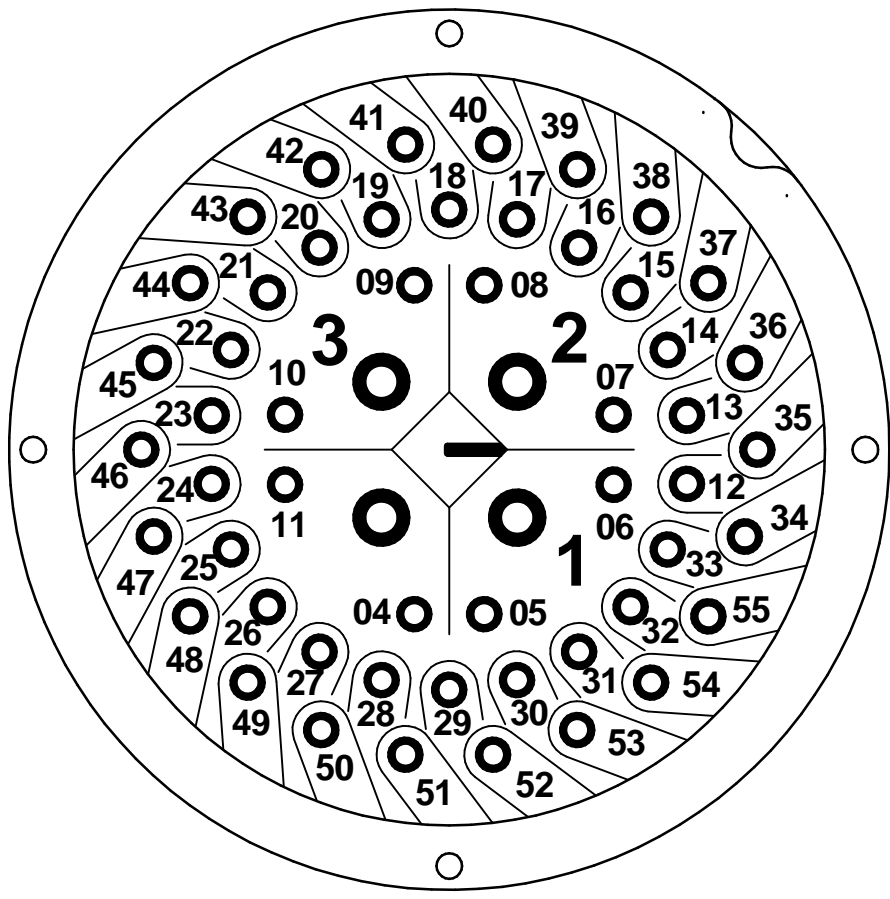


PLUG-AND-SOCKET CONNECTOR LAYOUT

LEGENDS:



- M1** ELECTRIC MOTOR
- RL1** RELAY OUTPUT No1 (SETTABLE)
- RL2** RELAY OUTPUT No2 (SETTABLE)
- RL3** RELAY OUTPUT No3 (SETTABLE)
- RL4** RELAY OUTPUT No4 (SETTABLE)
- RL5** RELAY OUTPUT No5 (SETTABLE)
- RL6** RELAY OUTPUT No6 (SETTABLE)
- CS** CUSTOMER SUPPLY
- CTS** CLOSE TORQUE SWITCH
- OTS** OPEN TORQUE SWITCH
- CLS** CLOSE LIMIT SWITCH
- OLS** OPEN LIMIT SWITCH
- TRM** THERMAL PROTECTION DEVICE (MOTOR WIND.)
- HT** ANTI-CONDENSATION HEATER
- BLK** BLINKER SWITCH
- POT** POTENTIOMETER (VALVE POSITION SIGNAL)
- ACTS** AUXILIARY CLOSE TORQUE SWITCH
- AOTS** AUXILIARY OPEN TORQUE SWITCH
- ACLS** AUXILIARY CLOSE LIMIT SWITCH
- AOLS** AUXILIARY OPEN LIMIT SWITCH
- IP1** VALVE MIDDLE TRAVEL POSITION SWITCH (No 1)
- IP2** VALVE MIDDLE TRAVEL POSITION SWITCH (No 2)
- IP3** VALVE MIDDLE TRAVEL POSITION SWITCH (No 3)
- IP4** VALVE MIDDLE TRAVEL POSITION SWITCH (No 4)
- CPT** CURRENT POSITION TRANSMITTER
- CTT** CURRENT TORQUE TRANSMITTER
- CPT.LP** CURRENT POSITION TRANSMITTER, LOOP POWER
- CTT.LP** CURRENT TORQUE TRANSMITTER, LOOP POWER
- MONIT.** MONITOR RELAY
- FIELDBUS** FIELDBUS CARD
- REMOTE** REMOTE INPUT CARDS
- POSITIONER** POSITIONER IN/OUT ANALOG SIGNAL
- POSITIONER.LP** POSITIONER IN/OUT ANALOG SIGNAL. LOOP POWER

PARAMETER	VALUE	DESCRIPTION
TYPE	K	Multi-turn electric actuator, with CENTRONIK (DIGITAL SWITCH MECH.)
MAIN POWER SUPPLY	0	A.C. Three phase
EXTRA CARD No 1	J	Positioner + Man/Auto Switch
EXTRA CARD No2	0	NO (without)
MOTOR STARTER	0	Reversible Contactors (STANDARD)
CUSTOMER SUPPLY & BLUETOOTH	3	115VAC and Bluetooth card for remote setting tool
BACKUP SUPPLY & HEATER	2	No backup supply. Heater included
EXTRA SWITCH	0	STANDARD: without

NOTES:

1. THE TERMINAL PLAN SHOWS THE MULTI-TURN ELECTRIC ACTUATOR IN INTERMEDIATE POSITION, ACTUATOR CLOSURES VALVE CLOCKWISE.
2. SEE ACTUATOR USER MANUAL AND DATASHEETS FOR TECHNICAL DATA, PARAMETERS AND DESCRIPTION OF THE ACTUATOR ELECTRIC AND ELECTRONIC EQUIPMENT.
3. THE USER MUST FIT A CLASS 10 OVERLOAD RELAY. THE RELAY MUST BE SIZED ACCORDING TO THE OVERCURRENT PROT. DEVICE SETTING VALUE FOR THE MOTOR.
4. REFER TO THE MOTOR DATA SHEET FOR THIS VALUE. THE OVERLOAD RELAY MUST BE SIZED TO ENSURE THAT IT TRIPS WITHIN 10 SECONDS IN A FAULT CONDITION.
5. THE USER MUST COMPLETE A RISK ASSESSMENT AND IMPLEMENT WHATEVER MEASURES ARE REQUIRED TO ENSURE THAT THE RESULTANT SYSTEM COMPLIES WITH ALL APPLICABLE LEGISLATION.

Template Issue - 2021-03-16 (RCL-PE)

1-0	A.Aashay	N.Campbell	2024-01-30	
Rev	ECN	Revised	Rev. Approved	Date
1				
				Change Description

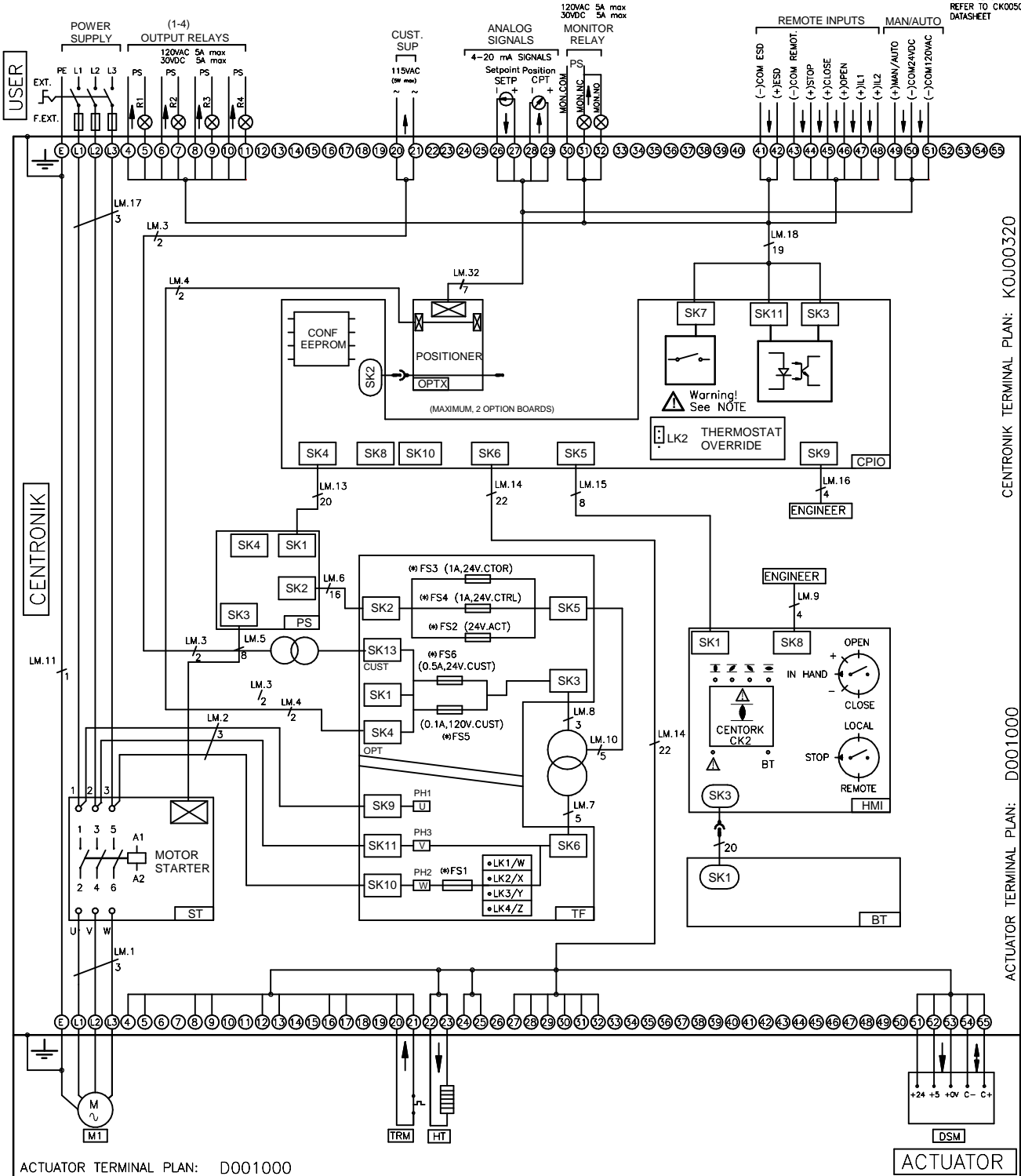
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Title **WD CKC-CKRC,DSMR,3PH,POSC,NOEXT2,CTOR,CS115-BT,NOBK-HT,NOEXT**

Created	A.Aashay	2024-01-19	Drawing Number	Rev
Checked	A.Aashay	2024-01-23	KOJ00320X	1-0
Approved	N.Campbell	2024-01-30	Size	A3 Sheet 1 of 2

FOR ACTUATOR CIRCUIT DIAGRAMS AND REMOTE CONTROL CIRCUITS, REFER TO CK00500 DATASHEET



ACTUATOR TERMINAL PLAN: D001000

ACTUATOR

⚠ WARNING: REFER TO SAFE USE AND INSTALLATION MANUAL OR CK00500 DATASHEET FOR APPROVED FUSES.
 FS1: ACCORDING TO THE POWER SUPPLY VOLTAGE 110VAC/115VAC: FS1 (0,5 A)
 ANY OTHER VOLTAGE: FS1 (0,25 A)

TRANSFORMER TAPPING OPTIONS

TAP	LV	PRIMARY TAP NOMINAL VOLTAGE (VAC 50/60Hz)		
		EU	HV	
LK1	W	110/115/120	380	460
LK2	X	220/230	400	480
LK3	Y	240	415	500
LK4	Z	n/a	440	600

THE TERMINAL PLAN SHOWS THE MULTI-TURN ELECTRIC ACTUATOR IN INTERMEDIATE POSITION, ACTUATOR CLOSES VALVE CLOCKWISE.
 REFER TO SAFE USE AND INSTALLATION MANUAL AND DATASHEETS FOR TECH. DATA, PARAMETERS AND DESCRIPTION OF THE ACTUATOR ELECTRIC AND ELECTRONIC EQUIPMENT.
 ACTUATORS WITH SOLID STATE STARTER (SSS), THE ACTUATOR MUST BE PROTECTED USING SUITABLE RATED HIGH SPEED SEMI-CONDUCTOR FUSES ON THE INCOMING SUPPLY
 IF THE ACTUATOR IS CONFIGURED TO BYPASS THE MOTOR PROTECTION THERMOSTAT (TRM), THE ACTUATOR WILL NO LONGER COMPLY WITH THE ESSENTIAL SAFETY REQUIREMENTS.
 THE USER MUST CONDUCT A RISK ASSESSMENT, AND IMPLEMENT WHATEVER EXTRA SAFETY MEASURES ARE REQUIRED, TO ENSURE THAT THE RESULTANT SYSTEM COMPLIES WITH THE LOW VOLTAGE DIRECTIVE, AND ANY OTHER LEGISLATION IN FORCE AT THE INSTALLATION SITE.

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Title WD CKC-CKRC,DSMR,3PH,POSC,NOEXT2,CTOR,CS115-BT,NOBK-HT,NOEXT				
Created	A.Aashay	2024-01-19	Drawing Number	Rev
Checked			KOJ00320X	1-0
Approved			Size	A4 Sheet 2 of 2

A
B
C
D
E
F

CENTRONIK TERMINAL PLAN: KOJ00320

ACTUATOR TERMINAL PLAN: D001000