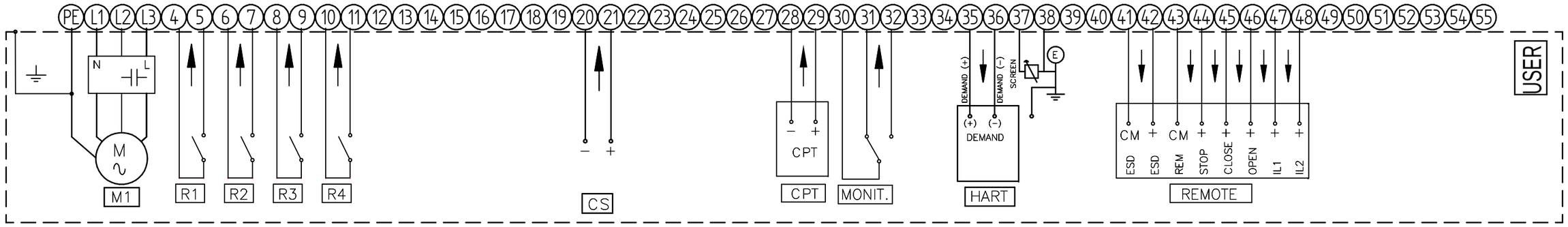
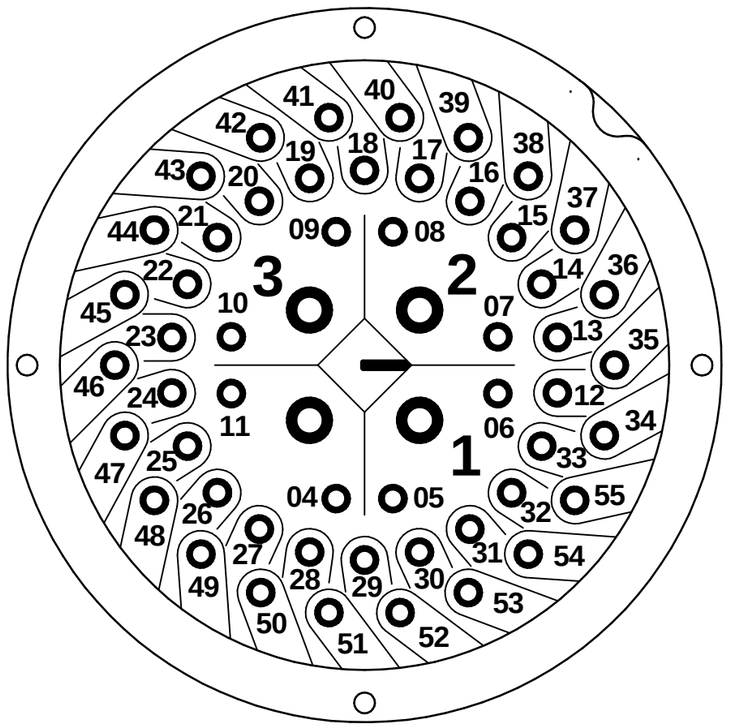


PLUG-AND-SOCKET CONNECTOR LAYOUT



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	J	Multi-turn electric actuator, with CENTRONIK (DIGITAL SWITCH MECH.),REMOTE MOUNTING VERSION
MAIN POWER SUPPLY	1	A.C. Single phase
EXTRA CARD No 1	6	HART
EXTRA CARD No2	C	CPT(Position) Analog Output
MOTOR STARTER	0	Reversible contactors (STANDARD)
CUSTOMER SUPPLY & BLUETOOTH	0	24VDC ±20% at MAX. Pow. output 5W
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 CLOSES 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.

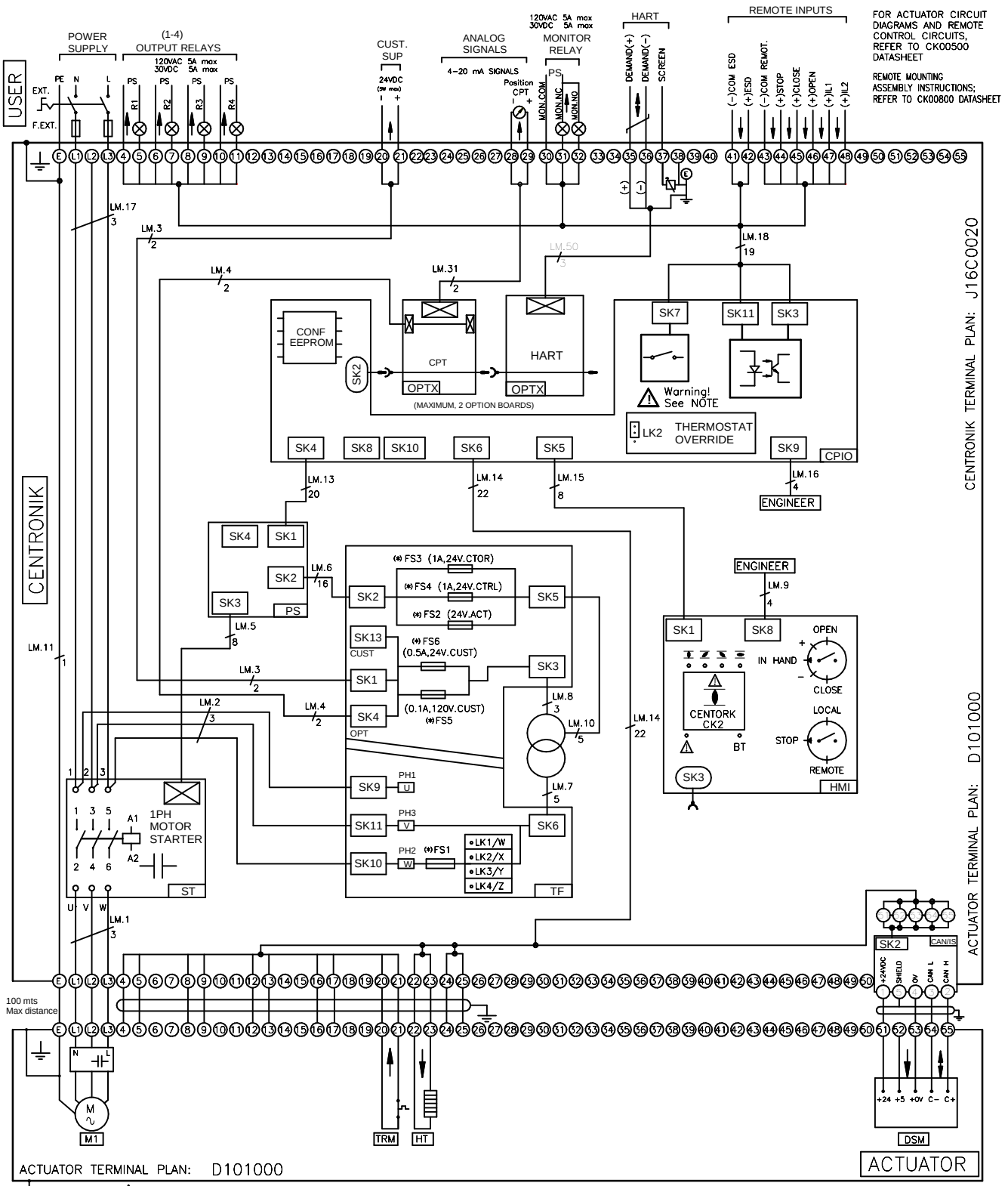
Rev	ECN	Revised	Rev. Approved	Date	Change Description
2-0		A.Aashay	N.Campbell	2023-09-25	CPT option removed in Actuator end.

Title: WD CKC-CKRC,DSMR,1PH,HRT,CPT,CTOR,CS24-IR,NOBK-HT,NOEXT

Created	A.Aashay	2023-09-15	Drawing Number		Rev
Checked	A.Aashay	2023-09-19	J16C0020X		2-0
Approved	N.Campbell	2023-09-19	Size	A3	Sheet 1 of 2

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

Rev	ECN	Revised	Rev. Approved	Date	Change Description
02	-	AASHAY	NEIL	21-09-23	CPT option removed in Actuator end.



(*) ⚠ 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)

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 VOTAGE DIRECTIVE, AND ANY OTHER LEGISLATION IN FORCE AT THE INSTALLATION SITE.

TRANSFORMER TAPPING OPTIONS

TAP		PRIMARY TAP NOMINAL VOLTAGE (VAC 50/60Hz) LV	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

Title WD CKC-CKRC,DSMR,1PH,HRT,CPT,CTOR,CS24-IR,NOBK-HT,NOEXT

Created	A.Aashay	2023-09-15	Drawing Number J16C0020X	Rev 2-0
Checked				
Approved			Size A4	Sheet 2 of 2

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