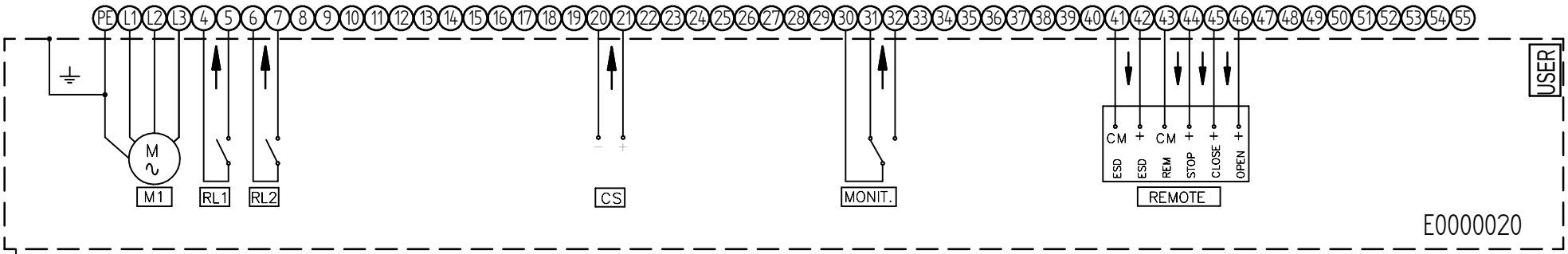
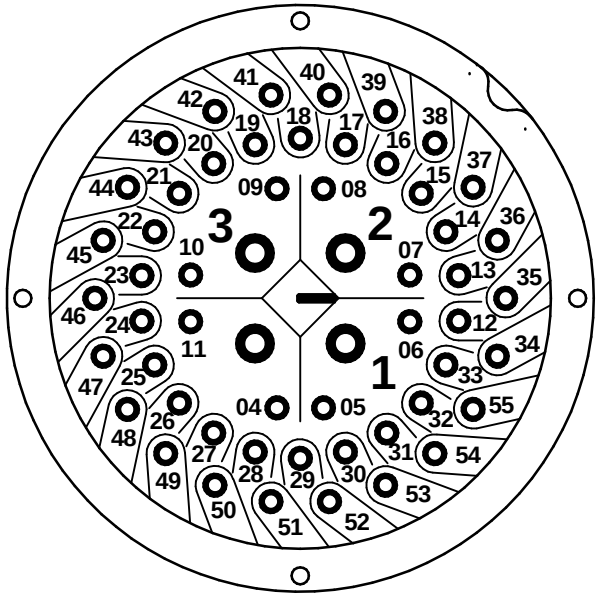


PLUG-AND-SOCKET CONNECTOR LAYOUT



LEGENDS:

- M1 ELECTRIC MOTOR
- RL1 RELAY OUTPUT No1 (SETTABLE)
- RL2 RELAY OUTPUT No2 (SETTABLE)
- RL4 RELAY OUTPUT No4 (SETTABLE)
- RL5 RELAY OUTPUT No5 (SETTABLE)
- RL6 RELAY OUTPUT No6 (SETTABLE)
- RL7 RELAY OUTPUT No7 (SETTABLE)
- CS CUSTOMER SUPPLY
- POSITIONER POSITIONER IN/OUT ANALOG SIGNAL
- POSITIONER.LP POSITIONER IN/OUT ANALOG SIGNAL. LOOP POWER
- MONIT. MONITOR RELAY
- FIELDBUS FIELDBUS CARD
- REMOTE REMOTE INPUT CARDS
- ACTS AUXILIARY CLOSE TORQUE SWITCH
- AOTS AUXILIARY OPEN TORQUE SWITCH
- ACLS AUXILIARY CLOSE LIMIT SWITCH
- AOLS AUXILIARY OPEN LIMIT SWITCH
- CPT CURRENT POSITION TRANSMITTER
- CPT.LP CURRENT POSITION TRANSMITTER, LOOP POWER
- 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)

NOTES:

1. THE TERMINAL PLAN SHOWS THE QUARTER-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 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.

PARAMETER	VALUE	DESCRIPTION
TYPE	E	QUARTER-TURN ELECTRIC ACTUATOR, WITH ATRONIK (MECHANICAL SWITCH MECH.)
MAIN POWER SUPPLY	0	A.C. THREE PHASE
EXTRA CARD No 1	0	NO (WITHOUT)
EXTRA CARD No2	0	NO (WITHOUT)
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

ISSUE	DESCRIPTION	DATE	ISSUE	DESCRIPTION	DATE
1	FIRST PRODUCTION RELEASE	07-28-21			

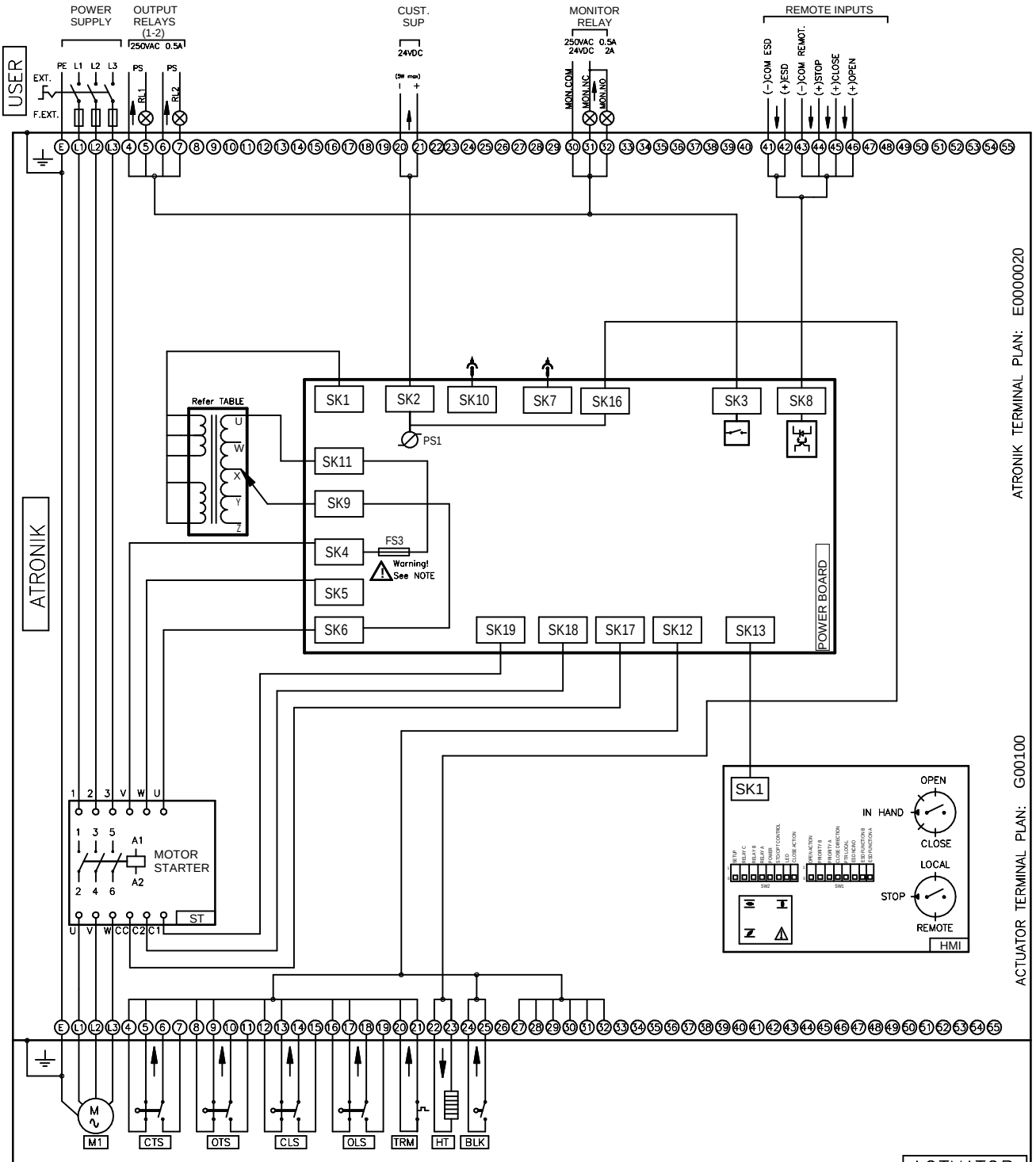
SHEET 1/2	DATE	SIGN.
MADE BY	7/28/2021	MAHI
CHECKED	7/28/2021	DAB
APPROVED	7/28/2021	DAB

TERMINAL PLAN
WD CKQA ATK, MSM, 3PH, NOEX1, NOEX2, CTOR, CS24, NOBK-HT, NOEXT

CK range

FORMAT A4

DRAWING N° E0000020-1



(*) ⚠ WARNING: REFER TO SAFE USE AND INSTALLATION MANUAL FOR APPROVED FUSES.

FS3: SIBA, 70-065-65 1A, 500V, 6.3mmx32mm

TRANSFORMER TAPPING OPTIONS

PRIMARY TAP NOMINAL VOLTAGE (VAC 50/60 Hz)			
TAP	TYPE 1	TYPE 2	TYPE 3
W	110/115	380	500
X	208	400/415	575
Y	220	440	600
Z	230/240	460/480	690

- THE TERMINAL PLAN SHOWS THE QUARTER-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.
- 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.
- REFER INSTALLATION MANUAL TO CONFIGURE SW1 AND SW2

ISSUE	DESCRIPTION	DATE	ISSUE	DESCRIPTION	DATE
1	FIRST PRODUCTION RELEASE	07-28-21			

	DATE	SIGN.	
SHEET 2/2			WIRING DRAWING
MADE BY	7/28/2021	MAHI	WD CKQA ATK, MSM, 3PH, NOEX1, NOEX2, CTOR, ES24, NOBK-HT, NOEXT
CHECKED	7/28/2021	DAB	
APPROVED	7/28/2021	DAB	

CK range

FORMAT	DRAWING Nº
A4	E0000020-1