

CIRCUIT DRAWN WITH POWER SUPPLY OFF

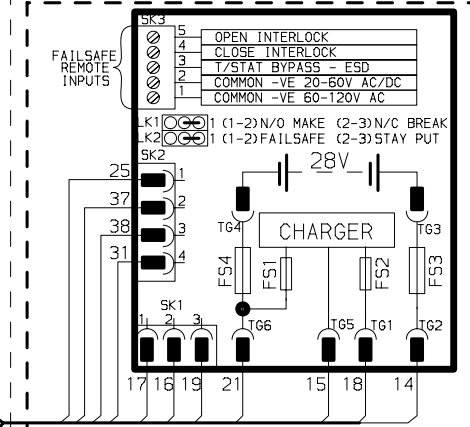
FOR TYPICAL REMOTE CONTROL DETAILS SEE DOCUMENT
No RWS

TRANSFORMER TAPPING OPTIONS

TYPE 1			TYPE 2		
TAP	NOM	RANGE	TAP	NOM	RANGE
X	100	80-120	X	200	160-240
Y	110	88-132	Y	230	184-276
Z	120	96-144	Z	270	216-324
FS1-250mA A/S FS2-5A A/S			FS1-150mA A/S FS2-2.5A A/S		

TYPE 3			TYPE 4		
TAP	NOM	RANGE	TAP	NOM	RANGE
X	380	304-456	X	480	384-576
Y	400	320-480	Y	575	460-690
Z	415	332-498	Z	690	552-828
FS1-100mA A/S FS2-1.5A A/S			FS1-50mA A/S FS2-1.6A F/A		

ALL TRANSFORMER TYPES - FUSE FS3 - 20A ATO FAST ACTING PS1 SELF RESETTING FUSE

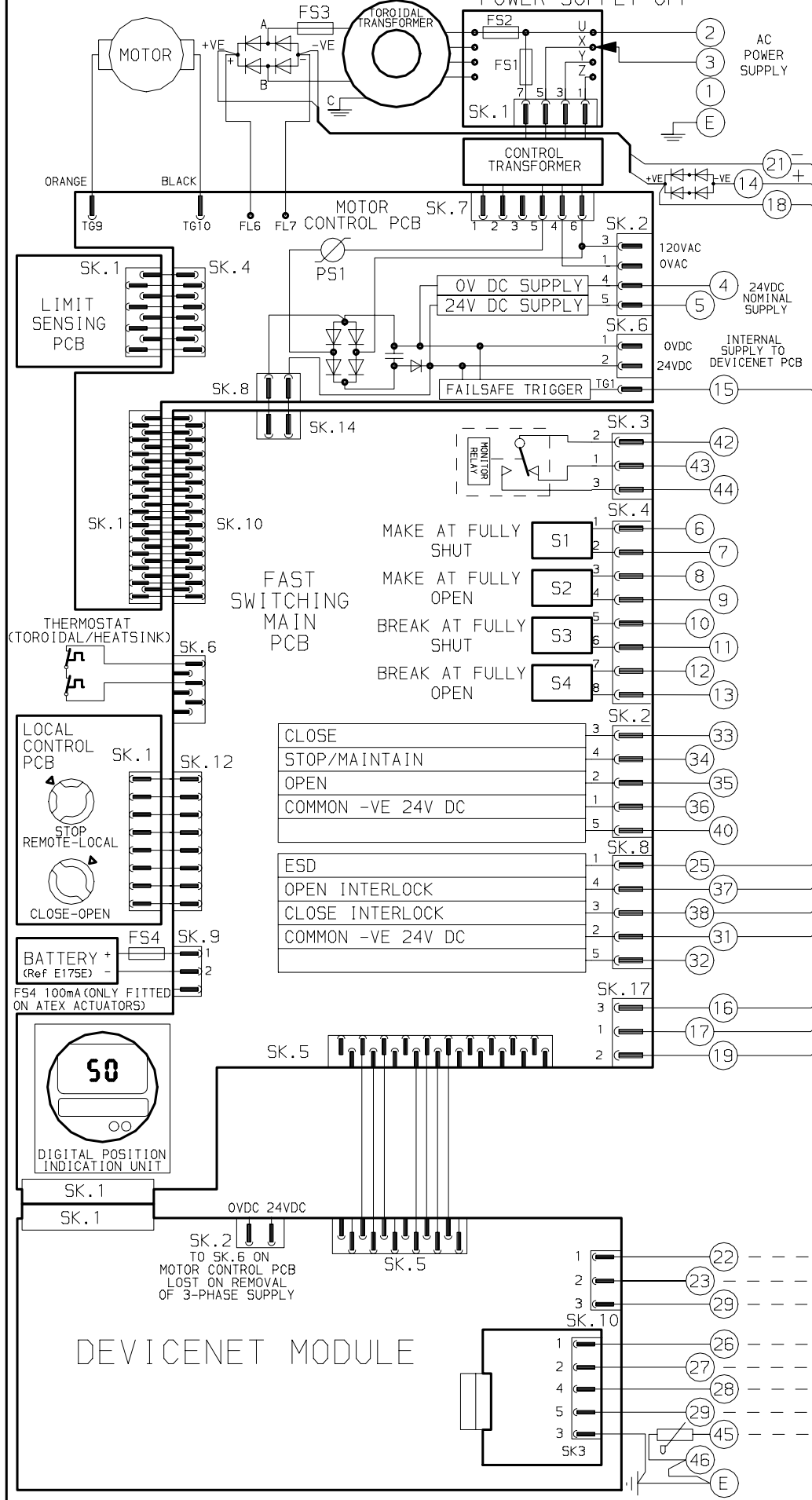


BATTERY PACK

FOR DETAILS SEE PUBLICATION E120E
FS3, FS4 - 20A ATO FAST ACTING
FS1, FS2 - 2A 20mm QUICK BLOW
FAILSAFE OPERATION, ON LOSS OF 3-PHASE CUSTOMER SUPPLY ON 4 & 5 IS ALSO LOST.
IF AN INTERNAL SUPPLY IS REQUIRED FOR FAILSAFE OPERATION THE 24VDC ON 21 & 14 MUST BE USED.
LK1 ESD POLARITY DEFAULT N/O MAKE FOR ESD ACTUATOR ESD ACTION(A1) DEFAULT STAY PUT ESD CONTACT(A2) DEFAULT N/O MAKE FOR ESD
REFER TO PUBLICATION E175E FOR APPROVED FUSES FS1, FS2 AND FS3.
MAX EXTERNAL LOAD TERMINALS 4 & 5 TO BE 5W.
CONTROL SIGNAL THRESHOLD VOLTAGES TO BE MINIMUM 'ON' 20V, MAXIMUM 'OFF' = 3V
MINIMUM CONTROL SIGNAL DURATION MAIN PCB TO BE 100ms. FAILSAFE TO BE 300ms
CURRENT DRAWN FROM EACH REMOTE CONTROL SIGNAL IS 5mA ON 24V DC
VOLTAGE INPUT (0-5 VOLTS)
+Ve TO 'A', 0 VOLTS TO COMMON
CURRENT INPUT (0-20mA)
LINK A TO B, CURRENT SOURCE BETWEEN A/B AND COMMON.

- 22 --- + ANALOGUE I/P 'A'
- 23 --- + ANALOGUE I/P 'B'
- 29 --- + COMMON
- 26 --- +V (24VDC)
- 27 --- CAN-H
- 28 --- CAN-L
- 29 --- CAN 0V
- 45 --- SCREEN

INDICATION CONTACTS S1-S4 ARE SHOWN IN THEIR DEFAULT CONFIGURATION. CONTACTS MAY BE CONFIGURED FOR ANY OF THE FUNCTIONS DESCRIBED IN E175E



No	DATE	REVISION DETAILS
01		

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CONFIG BY PJW
DATE 261009
CHECKED JC1
BASE WD 7009-700
JOB No -
M.I.No -

IQTM DEVICENET MODULE & BATTERY PACK

CIRCUIT DIAGRAM No -REV 101
7009-700-01

B1 C1 B2 C2