

CIRCUIT DRAWN WITH
POWER SUPPLY OFF

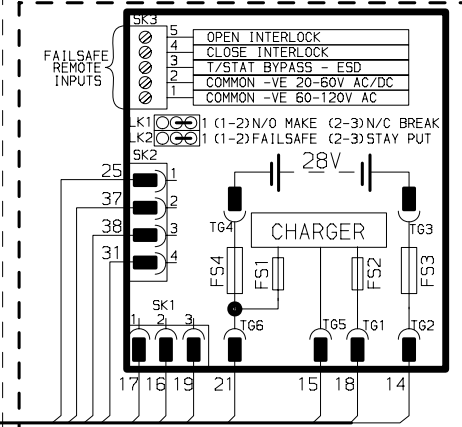
FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT
No RWS

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		

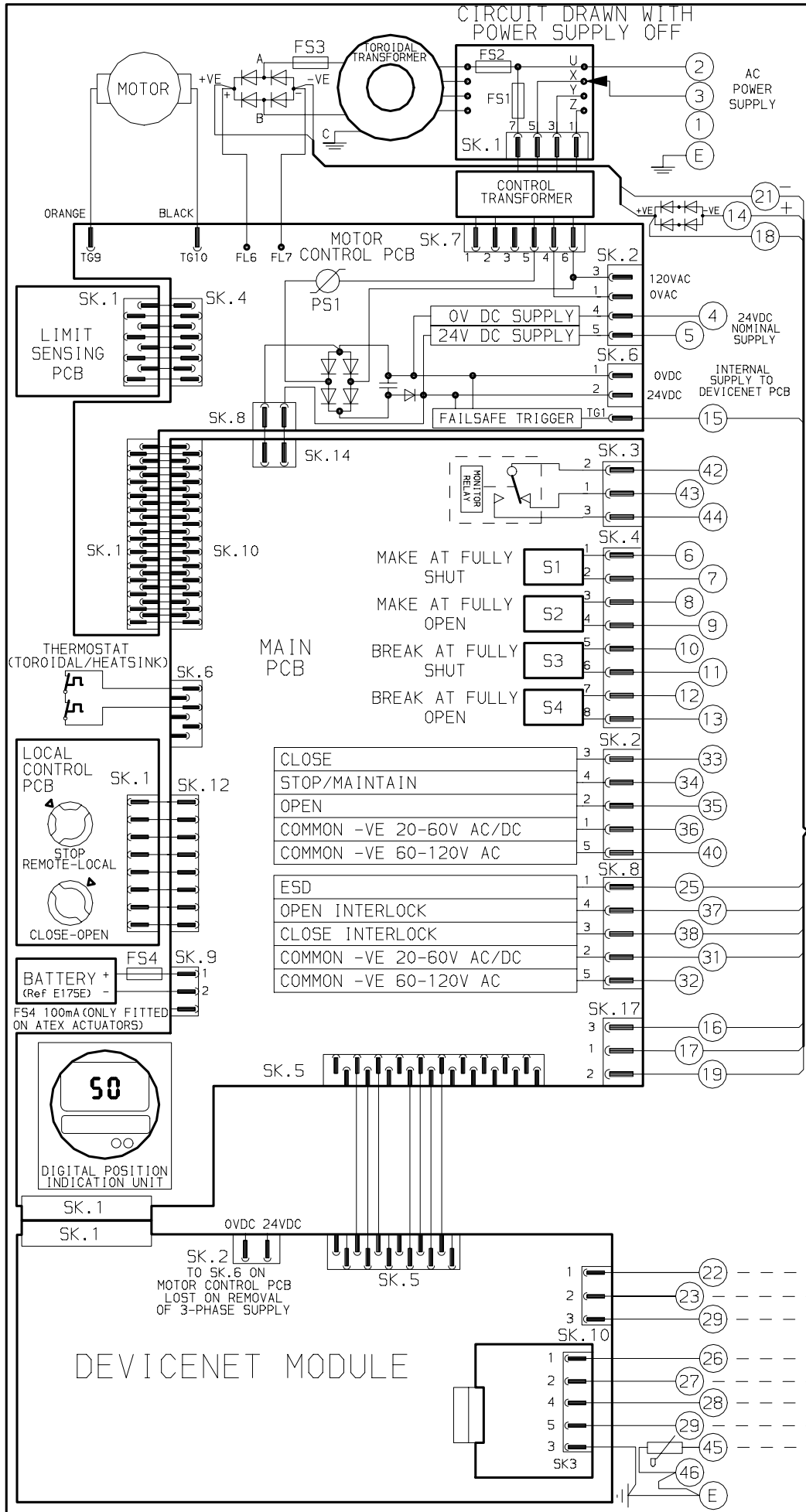
ALL TRANSFORMER TYPES -
FUSE FS3 - 20A ATO FAST ACTING
PS1 SELF RESETTING FUSE



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
LK2 FAILSAFE OPTION DEFAULT FAILSAFE
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
02	250310 P.J.W	DPIU CORRECTED FOR PRO PCB CHECKED JC1

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CONFIG BY PJW
DATE 290306
CHECKED DA
BASE WD 6009-700
JOB No -
M.I.No -

**IQT DEVICENET MODULE
& BATTERY PACK**

CIRCUIT DIAGRAM No -REV 101
6009-700-02

B1 C1 B2 C2