

CIRCUIT DRAWN WITH
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT

No RWS

TRANSFORMER TAPPING OPTIONS

TYPE 1

TYPE 2

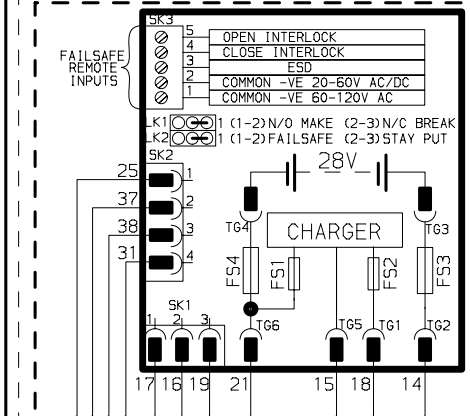
TAP	NOM	RANGE	TAP	NOM	RANGE
X	100	80-120	X	200	160-240
Y	110	88-132	Y	230	184-276
Z	120	96-144	Z	270	216-324
FS1-250mA A/S FS2-5A A/S			FS1-150mA A/S FS2-2.5A A/S		

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



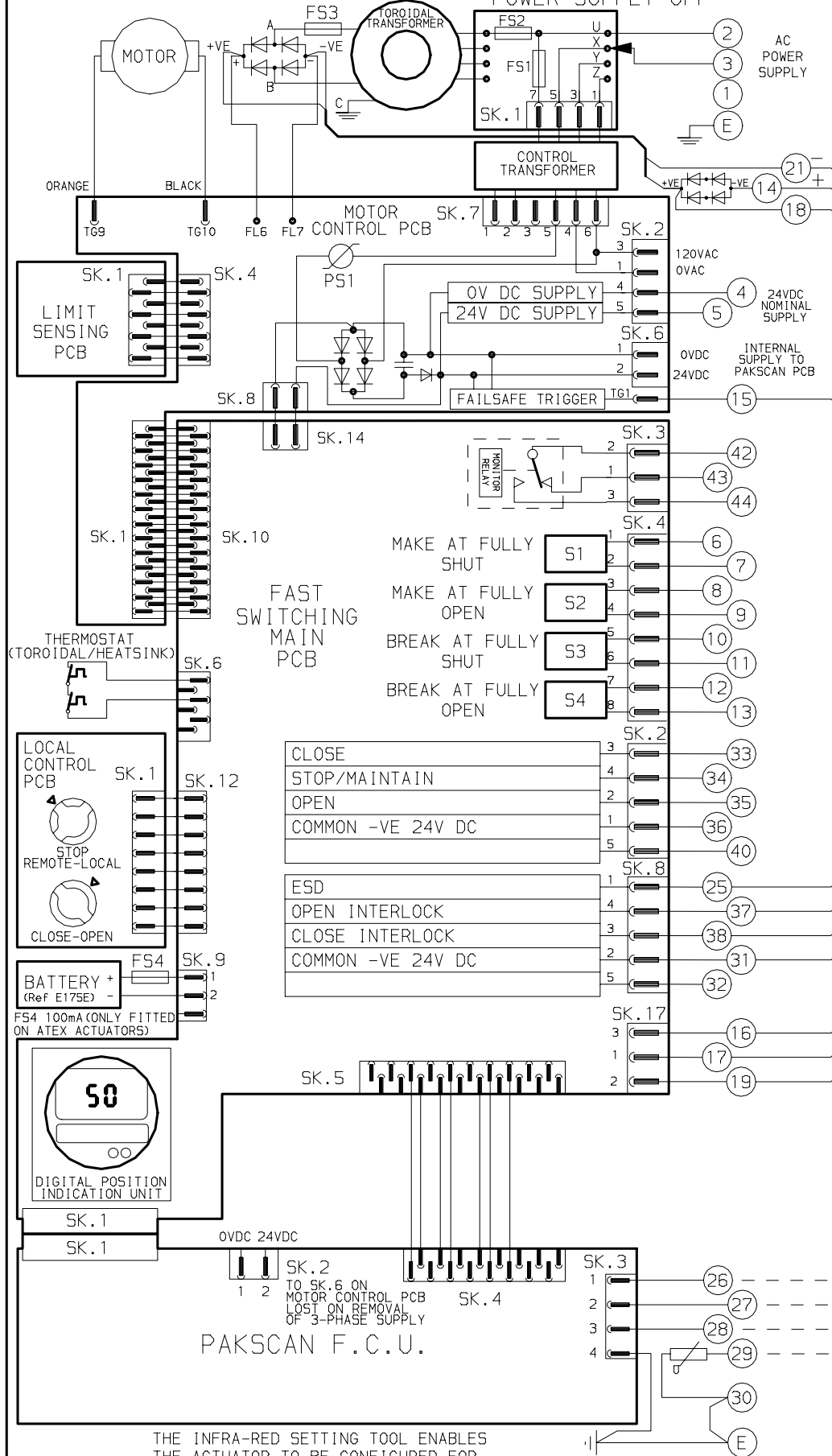
BATTERY PACK

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

2 WIRE 'A' (IN)
2 WIRE 'B' (OUT)
2 WIRE 'C' COMMON
SCREEN
PAKSCAN ONLY

CARE SHOULD BE TAKEN TO ENSURE
THAT CIRCUITS CONNECTED TO
TERMINALS 4 OR 5 ARE NOT CONNECTED
DIRECTLY OR INDIRECTLY TO GROUND.

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



THE INFRA-RED SETTING TOOL ENABLES
THE ACTUATOR TO BE CONFIGURED FOR
VARIOUS FORMS OF HARDWIRED REMOTE
CONTROL CIRCUITS.
THE SETTING TOOL ALSO ENABLES THE
PAKSCAN F.C.U. BAUD RATE AND
ADDRESS TO BE CONFIGURED.

No	DATE	REVISION DETAILS
01		

www.rotork.com

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CONFIG BY PJW
DATE 250409
CHECKED JC1
BASE WD 7009-200
JOB No -
M.I.No -

**IQTM + PAKSCAN
& BATTERY PACK.**

CIRCUIT DIAGRAM No -REV 101
7009-200-01

B1 C1 B2 C2