

CIRCUIT DRAWN WITH POWER SUPPLY OFF

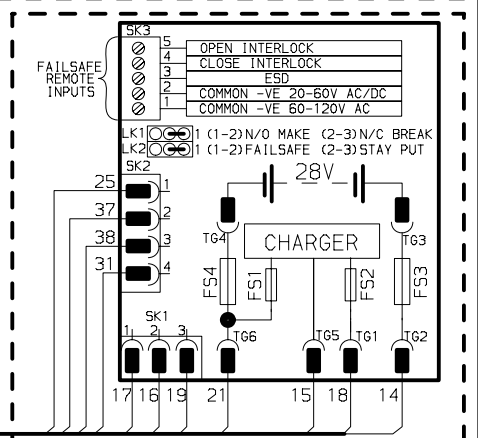
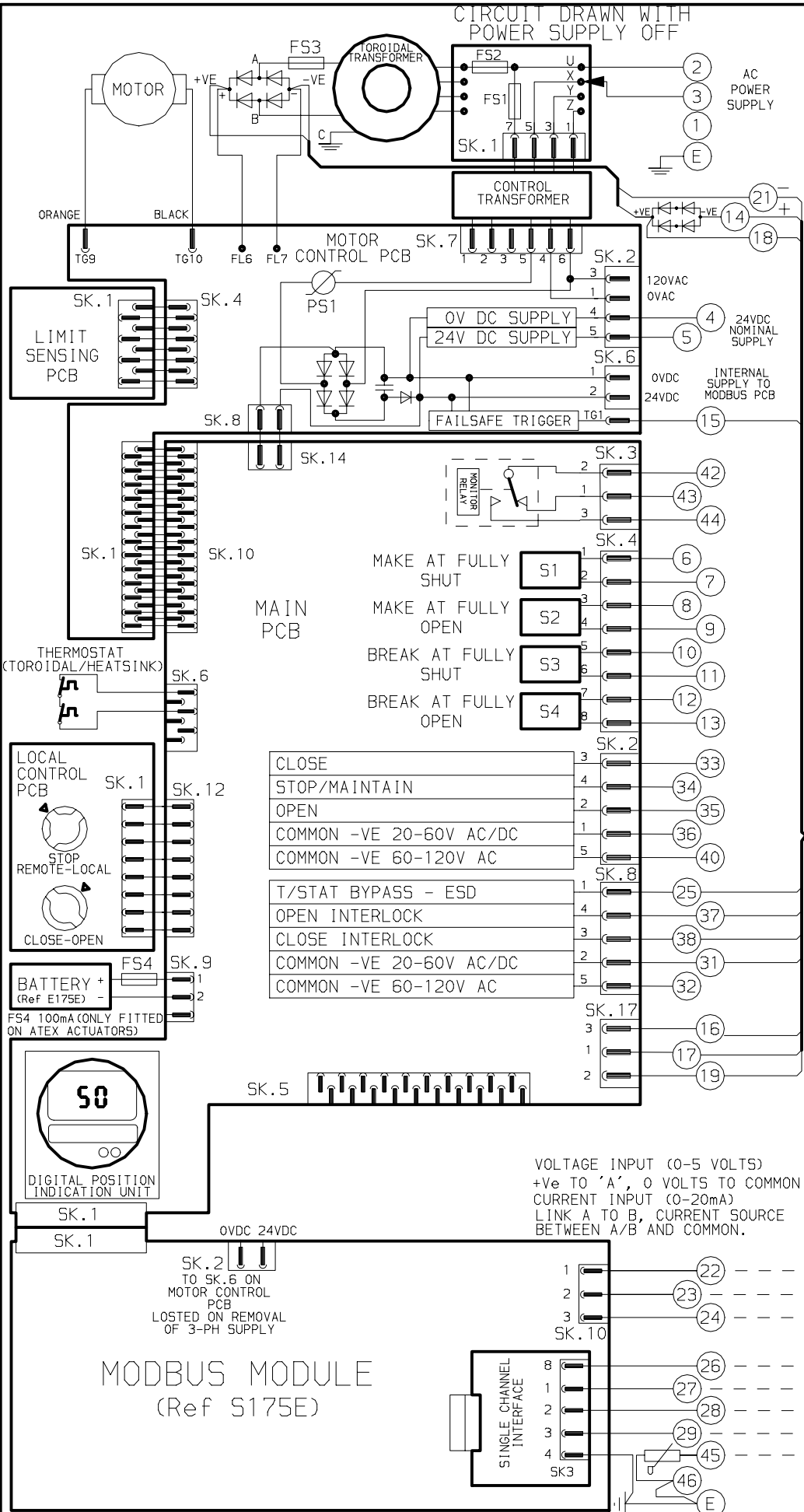
FOR TYPICAL REMOTE CONTROL DETAILS SEE DOCUMENT
No RWS

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

NOTE
REFER TO PUBLICATION E175E FOR APPROVED FUSES FS1, FS2 AND FS3.
MAX EXTERNAL LOAD ON TERMINALS 4 & 5 TO BE 5W.
CONTROL SIGNAL THRESHOLD VOLTAGES TO BE MINIMUM ON 20V AC/DC
MAXIMUM OFF = 3V
MINIMUM CONTROL SIGNAL DURATION TO BE 300MS
CURRENT DRAWN FROM EACH REMOTE CONTROL SIGNAL IS 5mA ON 24V DC OR 12mA ON 120V AC
WIRES ARE IDENTIFIED AT EACH END BY TERMINAL No. OR TAG No.

22 --- ANALOGUE I/P 'A'
23 --- ANALOGUE I/P 'B'
24 --- COMMON
26 --- TERMINATOR
27 --- 1A
28 --- 1B
29 --- COMMON
30 --- SCREEN
TO USE THE TERMINATOR CONNECT A LINK BETWEEN THE TERMINATOR AND 1B BUNG CONNECTIONS. WIRE MODBUS FIELD CONNECTIONS AS NORMAL.

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	180107	IQPRO MODBUS UPDATE EC2197/3

www.rotork.com
ROTORK CONTROLS LTD
BATH, BA1 3JQ
ENGLAND
Tel: 01225-733200

ROTORK CONTROLS INC
ROCHESTER
NY 14624, USA
Tel: 585-328-1550

CONFIG BY PJW
DATE 070704
CHECKED KS
BASE WD 6009-400
JOB No -
M.I.No -

IQT + MODBUS MODULE + BATTERY PACK
CIRCUIT DIAGRAM No -REV 107
6009-400-02
B1 C1 B2 C2