



FOR TYPICAL REMOTE CONTROL DETAILS SEE DOCUMENT RWS312

TRANSFORMER TAPPING OPTIONS

TYPE 1

TAP	NOM 50/60HZ	50HZ	60HZ
W	220/230	176-242	198-259
X	380/400	304-418	342-446
Y	415/420	332-457	374-487
Z	440/460	352-484	396-517

TYPE 2

TAP	NOM 50/60HZ	50HZ	60HZ
W	345/380	285-388	321-419
X	480/500	406-552	432-564
Y	240/240	192-261	216-282
Z	550/575	445-605	501-654

TYPE 3

TAP	NOM 50/60HZ	50HZ	60HZ
X	660/660-690	534-726	600-726
Y	690/---	558-759	

FUSE FS1 - 250mA ANTI-SURGE
 ALL TRANSFORMER TYPES - PS1 SELF RESETTING FUSE

NOTE
 REFER TO PUBLICATION E170E FOR APPROVED FUSES FS1 AND FS2.

MAX EXTERNAL LOAD ON TERMINALS 4 & 5 TO BE 5W.

CONTROL SIGNAL THRESHOLD VOLTAGES TO BE MINIMUM 'ON' 14V AC/DC
 MAXIMUM 'OFF' = 3V
 MINIMUM CONTROL SIGNAL DURATION TO BE 300mS.

MAXIMUM VOLTAGE BETWEEN ADJACENT CHANNELS NOT TO EXCEED 50V.

OPEN/CLOSE/ESD REMOTE INPUTS ARE DESIGNED FOR USE WITH SOLID STATE CONTACTS THAT MAY HAVE A MAXIMUM LEAKAGE CURRENT OF 1.4mA IN THE 'OFF' STATE.

CURRENT DRAWN FROM EACH REMOTE CONTROL SIGNAL IS 5mA ON 24V DC

WIRES ARE IDENTIFIED AT EACH END BY TERMINAL No. OR TAG No.

INDICATION CONTACTS S1-S4 ARE SHOWN IN THEIR DEFAULT CONFIGURATION. CONTACTS MAY BE CONFIGURED FOR ANY OF THE FUNCTIONS DESCRIBED IN E170E

No	DATE	REVISION DETAILS
02	301004	DIAGRAM RE-FORMATTED TO SEPARATE REMOTE CONTROL CIRCUITRY (See 'RWS' Ref)

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CONFIG BY PRE
 DATE 240904
 CHECKED PJW
 BASE WD --
 JOB No --
 M. I. No .

IQ BASIC WITH BBC REMOTE I/P PCB.

CIRCUIT DIAGRAM No -REV
3000C000-02

B1 C1 B2 C2