



FOR TYPICAL REMOTE CONTROL DETAILS SEE DOCUMENT RWS301

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	346/380	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  
 FUSE FS2 - 150mA 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 15VA.

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.

+ve 24VDC NOMINAL  
 -ve (20-40VDC MAX)  
 NOTE - UNDER LOSS OF AC POWER CPT OUTPUT WILL GO TO 4mA  
 FOR DETAILS OF CPT FUNCTIONS REFER TO ROTORK PUBLICATION E120E

INDICATION CONTACTS S1-S4 AND EXTRA INDICATION CONTACTS S5-S8 ARE SHOWN IN THEIR DEFAULT CONFIGURATION. CONTACTS MAY BE CONFIGURED FOR ANY OF THE FUNCTIONS DESCRIBED IN E170E

No.	DATE	REVISION DETAILS
01		

**www.rotork.com**  
 ROTORK CONTROLS LTD  
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 ROTORK CONTROLS INC  
 ROCHESTER  
 NY 14624, USA  
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CONFIG BY PJW  
 DATE 290312  
 CHECKED JC1  
 BASE WD 3160-001  
 JOB No --  
 M.I.No .

**IQ+IND RELAYS+EXT PWR  
 CPT + 120VAC ON 4&5.**  
 CIRCUIT DIAGRAM No -REV  
**3160-001-01**  
 B1 C1 B2 C2 B1 C1 M1 V1