

300 SERIES

Regavolts

120 and 250 V Input
Unit load rating 240/250VA

SINGLE UNITS for single-phase operation

	INPUT 250V Type 301	INPUT 230V Type 301C	INPUT 120V Type 301L
Uncovered, Component only			
Covered — Round (R) or Rectangular (E)	301-R, E	301C-R, E	301L-R, E
INPUT VOLTAGE	250V	230V	120V
LOAD RATING (see page 5)	187 VA	187 VA	210 VA
“ “ with heatsink *	250 VA	250 VA	240 VA
OUTPUT VOLTAGE	0-250V	0-250V	0-120V
RATED CURRENT	0.5A	0.5A	1.75A
“ “ with heatsink *	0.7A	0.7A	2A
MAXIMUM CURRENT (see page 5)	0.75A	0.75A	1.75A
“ “ with heatsink *	1A	1A	2A
NO-LOAD LOSS	3W	3W	3W
NUMBER OF TURNS ON WINDING	1010	1010	475

* The higher ratings apply when mounted on a metal panel 1.6 mm thick x 300 mm square (or equivalent heatsink). In other cases the lower figure should not be exceeded.

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TWO-GANG ASSEMBLIES for single-phase series operation † THREE-GANG ASSEMBLIES for three-phase star operation

	TWO-GANG †		THREE-GANG	
	INPUT 500V single-phase Type 301-G2	INPUT 240V single-phase Type 301L-G2	INPUT 415V three-phase Type 301-G3	INPUT 208V three-phase Type 301L-G3
Uncovered, Component only				
Covered — Rectangular (E)	301-G2E	301L-G2E	301-G3E	301L-G3E
INPUT VOLTAGE	500V	240V	415V	208V
LOAD RATING (see page 5)	375 VA	420 VA	540 VA	630 VA
OUTPUT VOLTAGE	0-500V	0-240V	0-415V	0-208V
RATED CURRENT	0.5A	1.75A	0.5A per ph	1.75A per ph
MAXIMUM CURRENT (see page 5)	0.75A	1.75A	0.75A per ph	1.75A per ph

† Two-gang assemblies can also be used on three-phase supply in open-delta connection (see page 7). Series connected models cannot be used with earthed load.

General Specifications, Definitions and Terminology

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Circuits

Pages 6 - 8

DIALS

Double-sided dials are fitted, graduated 0 - 100 each side. Marking is clockwise one side and anti-clockwise the other, for use with dial attached to panel or moving with knob.

MOTOR DRIVE (page 21)

Motor drive is available for remote control and automatic applications, denoted by the suffix '-D' and numeral indicating speed, e.g. '-D1' for 1 rpm.

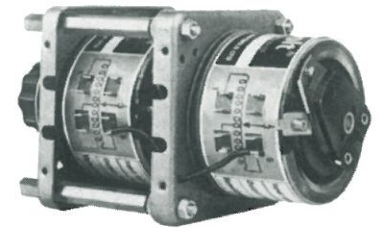
ANGLE OF ROTATION 310°
UNIT DRIVING TORQUE
(see page 5) 0.5 kgcm



Uncovered 300 Series REGAVOLTS are available in component form only, and are designed for back-of-panel mounting.



Covered model (round enclosure). Also available in rectangular enclosure, as series 300-E (pp. 10/11).



Uncovered two-gang assembly

OTHER 300 FRAME MODELS

50/60 Hz models for other voltages } Page 22
High-frequency models }
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OUTLINE DIMENSIONS

