

SINGLE UNITS for single-phase operation

(two-gang assemblies for single-phase series or three-phase open-delta operation and three-gang assemblies for three-phase star operation are listed on pages 12 - 13)

ANGLE OF ROTATION 320°

DRIVING TORQUE

(see page 5) 1.8 kgcm

240 VOLT MODELS

Component	Type 401-K	Type 402-K	Type 403-K	Type 404-K
Uncovered	401	402	403	404
Covered — Round (R) or Rectangular (E)	401-R, 401-E	402-R, 402-E	403-R, 403-E	404-R, 404-E
Covered, with Switch, Fuse, Terminals and Lead	—	402-LAB	403-LAB	404-LAB
In Robust Wall-Mounting Enclosure	401-W	402-W	403-W	404-W
INPUT VOLTAGE	240V*	240V*	240V*	240V*
LOAD RATING (see page 5)	290 VA	660 VA	840 VA	1140 VA
OUTPUT VOLTAGE				
over-voltage connection	0-275V	0-275V	0-275V	0-275V
line-voltage connection	0-240V	0-240V	0-240V	0-240V
RATED CURRENT (do not exceed in over-voltage connection)	1A	2.5A	3A	4A
MAXIMUM CURRENT (line-voltage connection only — see page 5)	1.2A	2.75A	3.5A	4.75A
NO-LOAD LOSS	7W	10W	12W	12W
NUMBER OF TURNS ON WINDING	945	590	380	380

* These models are centre-tapped and can be used on 120 volt input to give 0-240 volt output. In this case, the current drawn must not exceed one half of rated current.

120 VOLT AND 440 VOLT MODELS

Component	INPUT 120 VOLTS			INPUT 440 VOLTS		
	Type 401L-K	Type 402L-K	Type 403L-K	Type 402H-K	Type 403H-K	Type 404H-K
Uncovered	401L	402L	403L	402H	403H	404H
Covered — Round (R) or Rectangular (E)	401L-R, E	402L-R, E	403L-R, E	402H-R, E	403H-R, E	404H-R, E
Covered, with Switch, Fuse, Terminals and Lead	—	402L-LAB	403L-LAB	—	—	—
In Robust Wall-Mounting Enclosure	401L-W	402L-W	403L-W	402H-W	403H-W	404H-W
INPUT VOLTAGE	120V*	120V*	120V*	440V	440V	440V
LOAD RATING (see page 5)	360 VA	720 VA	970 VA	440 VA	530 VA	880 VA
OUTPUT VOLTAGE						
over-voltage connection	0-135V	0-135V	0-135V	—	—	—
line-voltage connection	0-120V	0-120V	0-120V	0-440V	0-440V	0-440V
RATED CURRENT (do not exceed in over-voltage connection)	2.25A	5A	6.75A	0.8A	1A	1.6A
MAXIMUM CURRENT (line-voltage connection only — see page 5)	3A	6A	8.1A	1A	1.2A	2A
NO-LOAD LOSS	7W	10W	10W	10W	12W	12W
NUMBER OF TURNS ON WINDING	505	314	260	972	640	640

* The 120 volt models are centre-tapped and can be used on 60 volt input to give 0-120 volt output. In this case, the current drawn must not exceed one half of rated current.
440 volt models do not have a centre-tap, or over-voltage connections.

PORTABLE MODELS

Portable models are ideal for general laboratory and test use. The REGAVOLT is mounted in a robust case, with carrying handle, input cable, mains switch, output fuse, and either a socket outlet or insulated terminals on 19 mm (¾") spacing. A voltmeter or ammeter can be fitted if required.

OUTPUT ARRANGEMENTS	INPUT 240V, OUTPUT 0-275V RATED CURRENT				INPUT 120V, OUTPUT 0-135V RATED CURRENT		
	1A	2.5A	3A	4A	2.25A	5A	6.75A
Socket Outlet	401-PS	402-PS	403-PS	404-PS	401L-PS	402L-PS	403L-PS
Socket and Voltmeter	401-PSV	402-PSV	403-PSV	404-PSV	401L-PSV	402L-PSV	403L-PSV
Socket and Ammeter	401-PSA	402-PSA	403-PSA	404-PSA	401L-PSA	402L-PSA	403L-PSA
Insulated Terminals	401-PT	402-PT	403-PT	404-PT	401L-PT	402L-PT	403L-PT
Terminals and Voltmeter	401-PTV	402-PTV	403-PTV	404-PTV	401L-PTV	402L-PTV	403L-PTV
Terminals and Ammeter	401-PTA	402-PTA	403-PTA	404-PTA	401L-PTA	402L-PTA	403L-PTA

Portable models are supplied connected in over-voltage connection, unless otherwise ordered.

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.

DIALS

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

240 volt and 120 volt models have dials graduated 0-115%. If requested, dials graduated 0-100 or in voltage can be supplied instead. 440 volt models are supplied with 0-100 dials.



GANGED ASSEMBLIES (single units are listed on pages 10-11)

ANGLE OF ROTATION 320°
 DRIVING TORQUE -G2 2.9 kgcm
 (see page 5) -G3 4.3 kgcm

TWO-GANG ASSEMBLIES for single-phase series operation †

† 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.

	INPUT 480 VOLTS single-phase				INPUT 240 VOLTS single-phase		
	Type	Type	Type	Type	Type	Type	Type
Uncovered	401-G2	402-G2	403-G2	404-G2	401L-G2	402L-G2	403L-G2
Covered	401-G2E	402-G2E	403-G2E	404-G2E	401L-G2E	402L-G2E	403L-G2E
In Robust Wall-Mounting Enclosure	401-G2W	402-G2W	403-G2W	404-G2W	401L-G2W	402L-G2W	403L-G2W
INPUT VOLTAGE	480V	480V	480V	480V	240V	240V	240V
LOAD RATING (see page 5)	0.58 kVA	1.32 kVA	1.68 kVA	2.3 kVA	0.72 kVA	1.44 kVA	1.94 kVA
OUTPUT VOLTAGE							
over-voltage connection	0-550V	0-550V	0-550V	0-550V	0-275V	0-275V	0-275V
line-voltage connection	0-480V	0-480V	0-480V	0-480V	0-240V	0-240V	0-240V
RATED CURRENT	1A	2.5A	3A	4A	2.25A	5A	6.75A
(do not exceed in over-voltage connection)							
MAXIMUM CURRENT	1.2A	2.75A	3.5A	4.75A	3A	6A	8.1A
(line-voltage connection only — see page 5)							

	INPUT 880 VOLTS single-phase		
	Type	Type	Type
Uncovered	402H-G2	403H-G2	404H-G2
Covered	402H-G2E	403H-G2E	404H-G2E
In Robust Wall-Mounting Enclosure	402H-G2W	403H-G2W	404H-G2W
INPUT VOLTAGE	880V	880V	880V
LOAD RATING (see page 5)	0.88 kVA	1.06 kVA	1.76 kVA
OUTPUT VOLTAGE			
line-voltage connection only	0-880V	0-880V	0-880V
RATED CURRENT	0.8A	1A	1.6A
MAXIMUM CURRENT	1A	1.2A	2A
(line-voltage connection only — see page 5)			



Three-gang assembly
 in 'W'-type robust
 enclosure.

THREE-GANG ASSEMBLIES for three-phase star operation

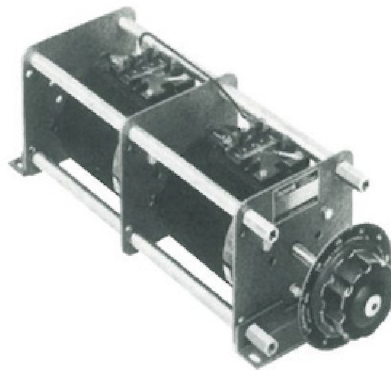
	INPUT 415 VOLTS three-phase				INPUT 208 VOLTS three-phase		
	Type	Type	Type	Type	Type	Type	Type
Uncovered	401-G3	402-G3	403-G3	404-G3	401L-G3	402L-G3	403L-G3
Covered	401-G3E	402-G3E	403-G3E	404-G3E	401L-G3E	402L-G3E	403L-G3E
In Robust Wall-Mounting Enclosure	401-G3W	402-G3W	403-G3W	404-G3W	401L-G3W	402L-G3W	403L-G3W
INPUT VOLTAGE (line-to-line)	415V	415V	415V	415V	208V	208V	208V
LOAD RATING (see page 5)	0.86 kVA	2 kVA	2.52 kVA	3.4 kVA	1.08 kVA	2.16 kVA	2.9 kVA
OUTPUT VOLTAGE (line-to-line)							
over-voltage connection	0-475V	0-475V	0-475V	0-475V	0-239V	0-239V	0-239V
line-voltage connection	0-415V	0-415V	0-415V	0-415V	0-208V	0-208V	0-208V
RATED CURRENT per phase	1A	2.5A	3A	4A	2.25A	5A	6.75A
(do not exceed in over-voltage connection)							
MAXIMUM CURRENT per phase	1.2A	2.75A	3.5A	4.75A	3A	6A	8.1A
(line-voltage connection only — see page 5)							

Two-gang and three-gang assemblies

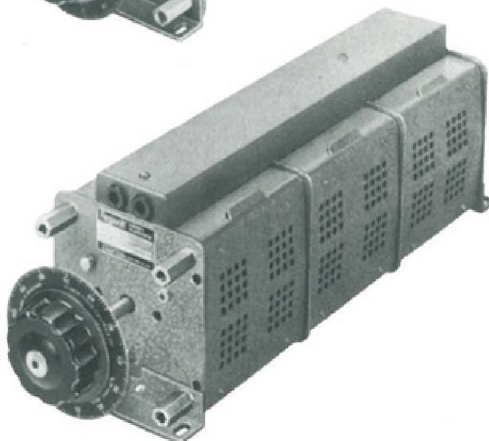
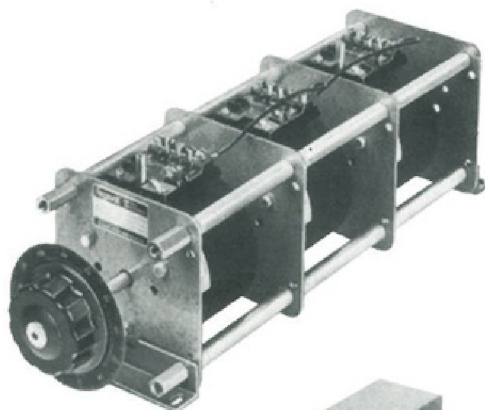
General Specifications,
Definitions and Terminology
Circuits

Pages 3 - 5

Pages 6 - 8



Two-gang



DIALS

Ganged assemblies are fitted with double-sided dials graduated 0 - 115% or 0 - 100 as appropriate on 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.

OTHER 400 FRAME MODELS

50/60 Hz models for other voltages
High-frequency models

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UNCOVERED AND 'E'-TYPE COVERED

