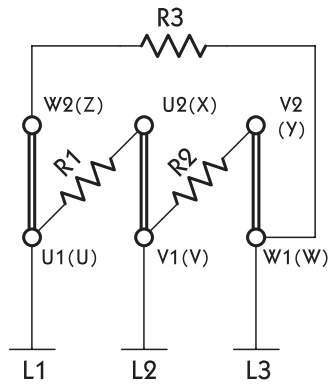
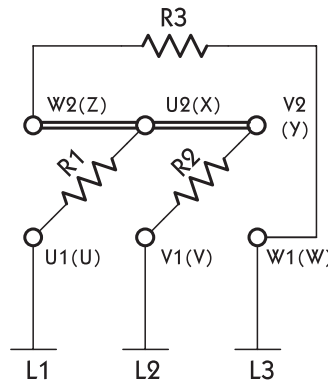


DIRECT STARTING



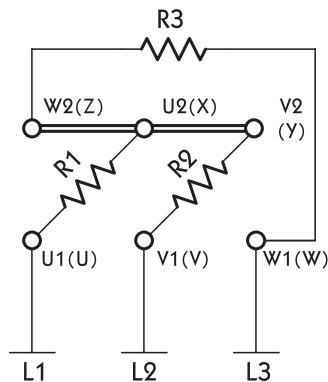
DELTA CONNECTION



STAR CONNECTION

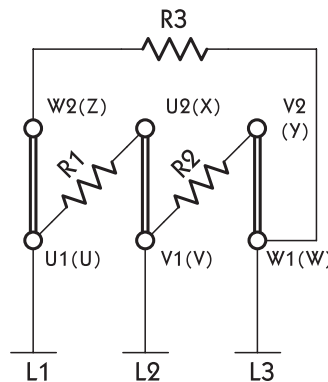
When direct starting arrangement is used, the jumpers are fitted on motor terminal board.

STAR/DELTA STARTING



← switching time < 0,2 sec →

STARTING
(STAR ≥ 1,2 sec)



RUNNING
(DELTA)

When star/delta arrangement is used remove jumpers if any. Switching from star to delta connection must be driven by the contactors of the control panel.

U1, U2, V1, V2, W1, W2 = studs on terminal board

U, V, W, X, Y, Z = motor cables marking

LINE VOLTAGES	tolerance %	stator windings		
		direct starting		star / delta starting
		delta connection	star connection	
220 V~	-10 / +6	220/380	—	220/380
230 V~	-10 / +6	230/400	—	230/400
240 V~	-6 / +10	240/415	—	240/415
380 V~	-10 / +6	380/660	220/380	380/660
400 V~	-10 / +6	400/690	230/400	400/690
415 V~	-6 / +10	415/720	240/415	415/720

- line voltages are those between two phases

For data not included in this data sheet please consult GMV