

ELECTRIC TERMINAL MARKINGS AND CONNECTIONS

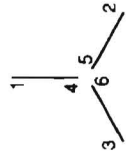
TERMINAL MARKINGS AND CONNECTIONS
THREE-PHASE MOTORS—SINGLE SPEED

NEMA NOMENCLATURE—6 LEADS

SINGLE VOLTAGE

EXTERNAL WYE CONNECTION

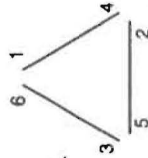
L1	L2	L3	JOIN
1	2	3	4&5&6



SINGLE VOLTAGE

EXTERNAL DELTA CONNECTION

L1	L2	L3
1,6	2,4	3,5



SINGLE AND DUAL VOLTAGE
WYE-DELTA CONNECTIONS



SINGLE VOLTAGE

OPERATING MODE	CONNECTION	L1	L2	L3	JOIN
START	WYE	1	2	3	4&5&6
RUN	DELTA	1,6	2,4	3,5	—

DUAL VOLTAGE*

VOLTAGE	CONNECTION	L1	L2	L3	JOIN
HIGH	WYE	1	2	3	4&5&6
LOW	DELTA	1,6	2,4	3,5	—

*Voltage Ratio: 1.732 to 1.

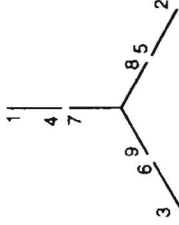
TERMINAL MARKINGS AND CONNECTIONS
THREE-PHASE MOTORS—SINGLE SPEED

NEMA NOMENCLATURE—9 LEADS

DUAL VOLTAGE

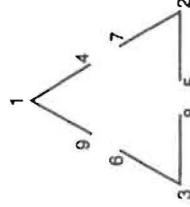
WYE-CONNECTED

VOLTAGE	L1	L2	L3	JOIN
HIGH	1	2	3	4&7,5&8,6&9
LOW	1,7	2,8	3,9	4&5&6



DUAL VOLTAGE
DELTA-CONNECTED

VOLTAGE	L1	L2	L3	JOIN
HIGH	1	2	3	4&7,5&8,6&9
LOW	1,6,7	2,4,8	3,5,9	—



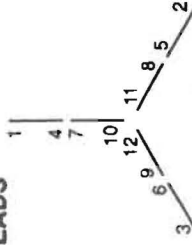
TERMINAL MARKINGS AND CONNECTIONS
THREE-PHASE MOTORS—SINGLE SPEED

NEMA NOMENCLATURE—12 LEADS

DUAL VOLTAGE

EXTERNAL WYE CONNECTION

VOLTAGE	L1	L2	L3	JOIN
HIGH	1	2	3	4&7,5&8,6&9,10&11&12
LOW	1,7	2,8	3,9	4&5&6,10&11&12



DUAL VOLTAGE
WYE-CONNECTED START
DELTA-CONNECTED RUN

VOLTAGE	CONN.	L1	L2	L3	JOIN
HIGH	WYE	1	2	3	4&7,5&8,6&9,10&11&12
LOW	DELTA	1,12	2,10	3,11	4&7,5&8,6&9
	WYE	1,7	2,8	3,9	4&5&6,10&11&12
	DELTA	1,6,7,12	2,4,8,10	3,5,9,11	—

