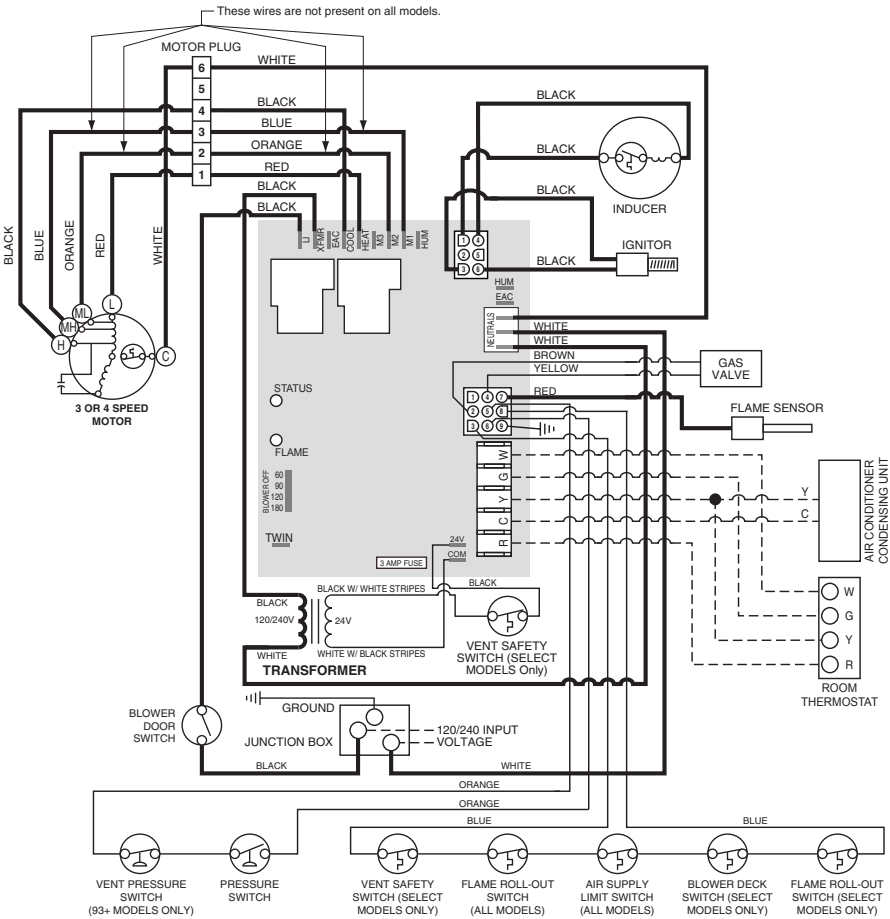
ICM2805 WIRING DIAGRAM

For 80+ and 90+ Model Furnaces



FAULT CONDITION	STATUS RED LIGHT
Power ON	ON
Limit circuit open	1 FLASH
Pressure switch stuck open	2 FLASHES
Pressure switch stuck Closed	3 FLASHES
Ignition failure (check ground)	4 FLASHES
115 VAC & neutral reversed or no ground	5 FLASHES
False flame or gas relay shorted	Continuous
Power OFF	OFF

FAULT CONDITION	FLAME YELLOW LIGHT
Low flame sensor signal	Continuous flash
Flame present	ON

NOTE:
If any of the original wire as supplied with the furnace must be replaced, it must be replaced with wiring material having a temperature rating of at least 105 C.

Use copper conductors only.

LEGEND
- **Field Wiring** - - - -

Factory Wiring:
- **Low Voltage** ———
- **High Voltage** ━━━