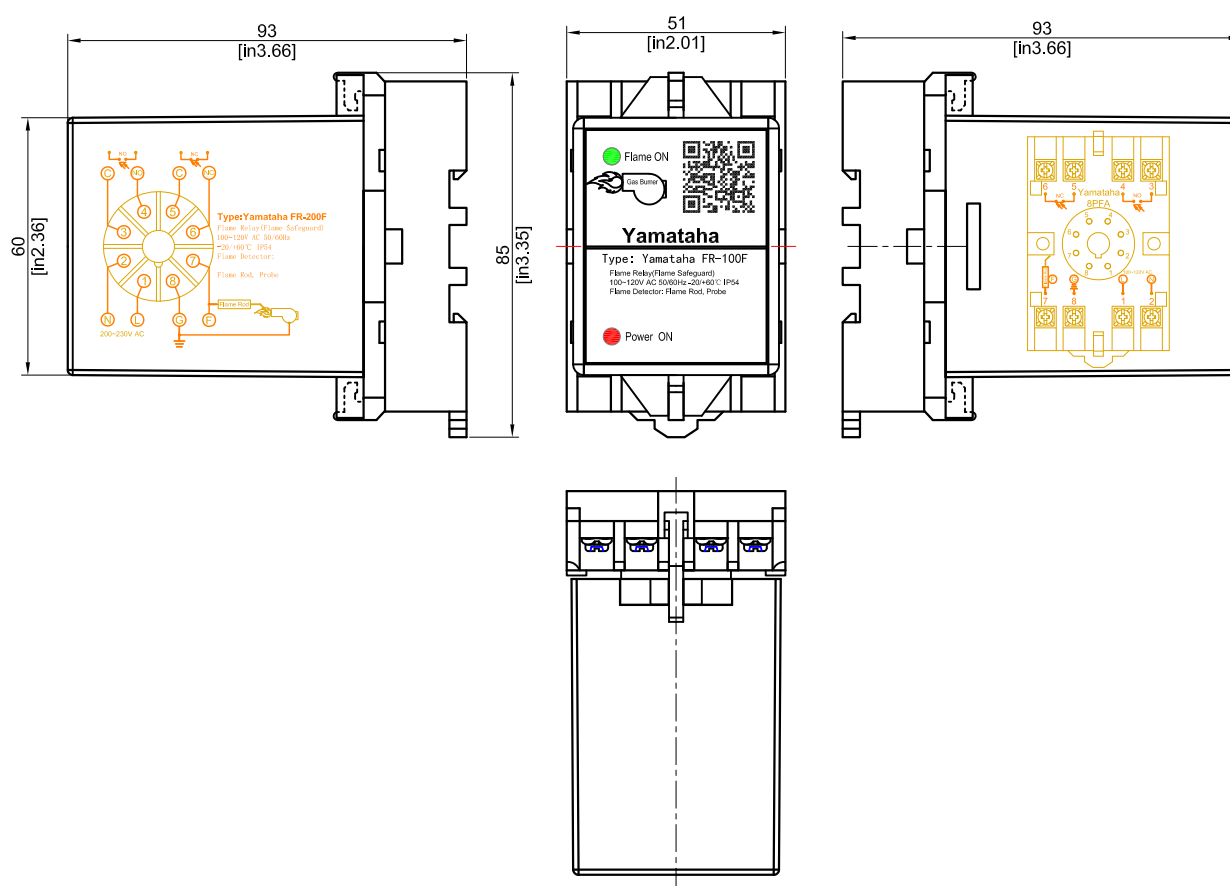
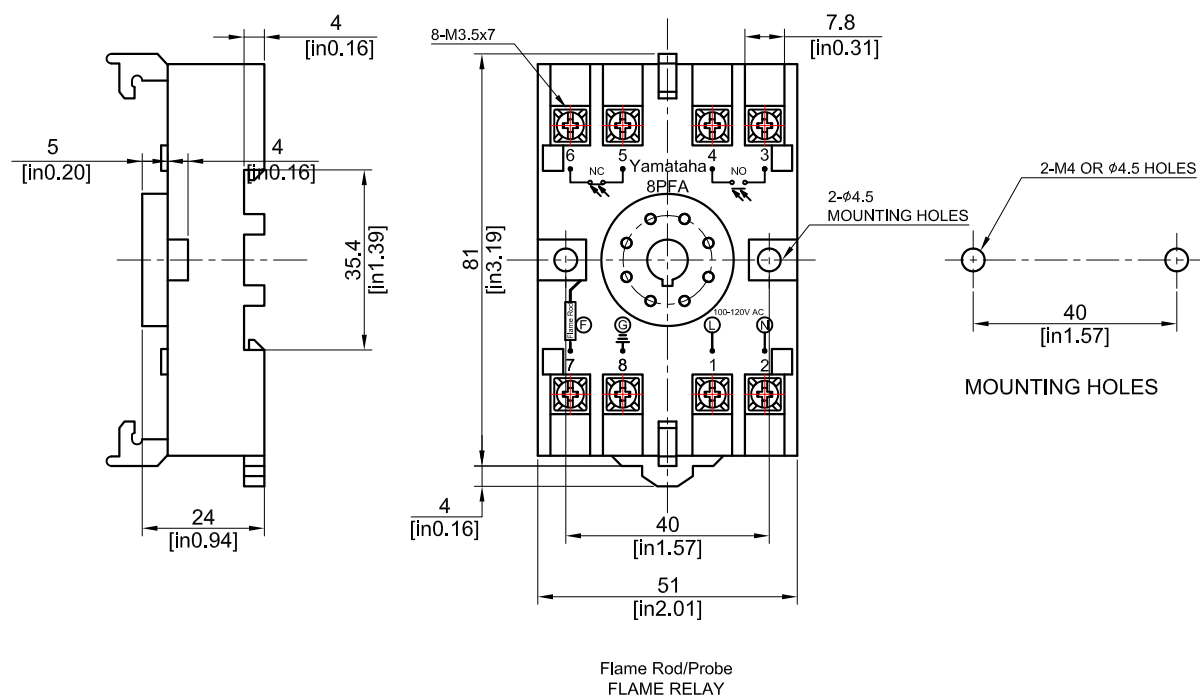
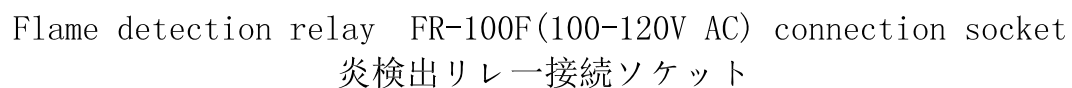


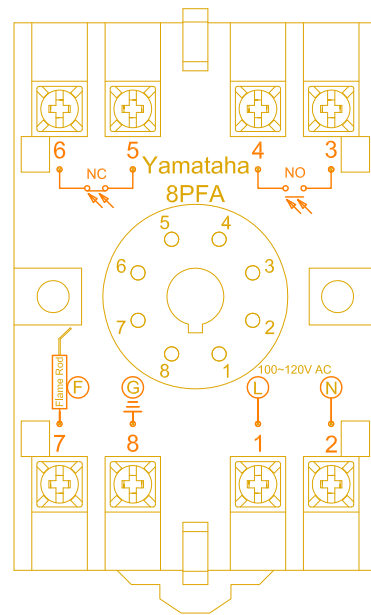
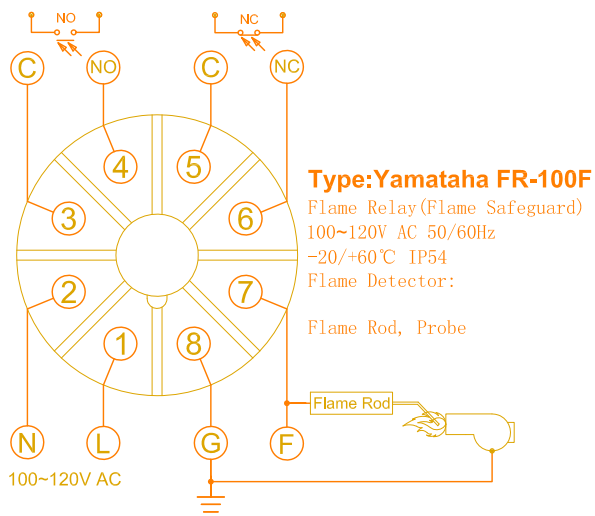
Yamataha Flame Relay (Flame Safeguard) Flame Rod, Detection model プローブプラズマ 増巾部 (フレイムデテクタリレー)	
Type 形 式	Yamataha FR-100F, Yamataha FR-200F
Flame Rod, detection model プローブプラズマ	FLAME ROD, Probe
Power Support 定格電源電圧	AC100V or または 200V50, 60Hz
Allowable voltage fluctuation 許容電圧変動	AC 90~132V or または AC 180~264V
Power Sonsumption 消費電力	3VA or less, 3VA以下
Response time: Flame detection time 応答時間: 炎検出時間	Within about 1 second 約1秒以内
ResetTime 復帰時間	About 1.5 to 2.5 seconds 約1.5~2.5秒
Output: Contact output configuration 出力: 接点出力構成	DPDT
Capacity 容量	AC100V 10A, AC200V 5A (Resistive load 抵抗負荷)
Check Output チェック 出力	No function 機能無
Detection indicator (Green LED) 検出表示 (緑色LED)	Lights up when relay is activated (when flame is detected) リレー動作時(火炎検出時)点灯
検出方式	Light quantity (visible light) 光量(可視光線)
Sensitivity (combined time) 感度(組合 世時)	Relay ON at $10 \pm 51x$ when shipped (ambient temperature 25°C) (can be adjusted from 2 to 300lx) 出荷時 $10 \pm 51x$ にてリレー ON (周囲温度 25°C 時) (2~300lx 設定可変可能)
Permitted ambient temperature 許容周囲 温度	(-) 10°C ~ $+55^{\circ}\text{C}$
Wiring distance 配線距離	Within about 40m 約40m以内

Flame detector relay and connecting socket of assembly diagram
火炎検出器リレーと接続ソケットの組立図

Yamataha FR-100F (100-120V AC)



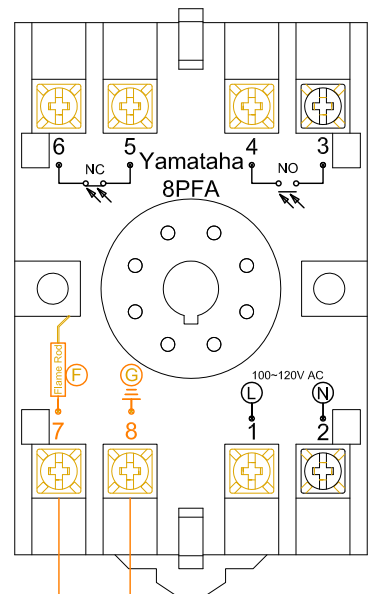
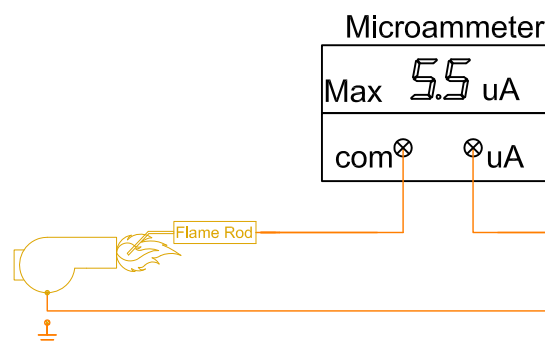


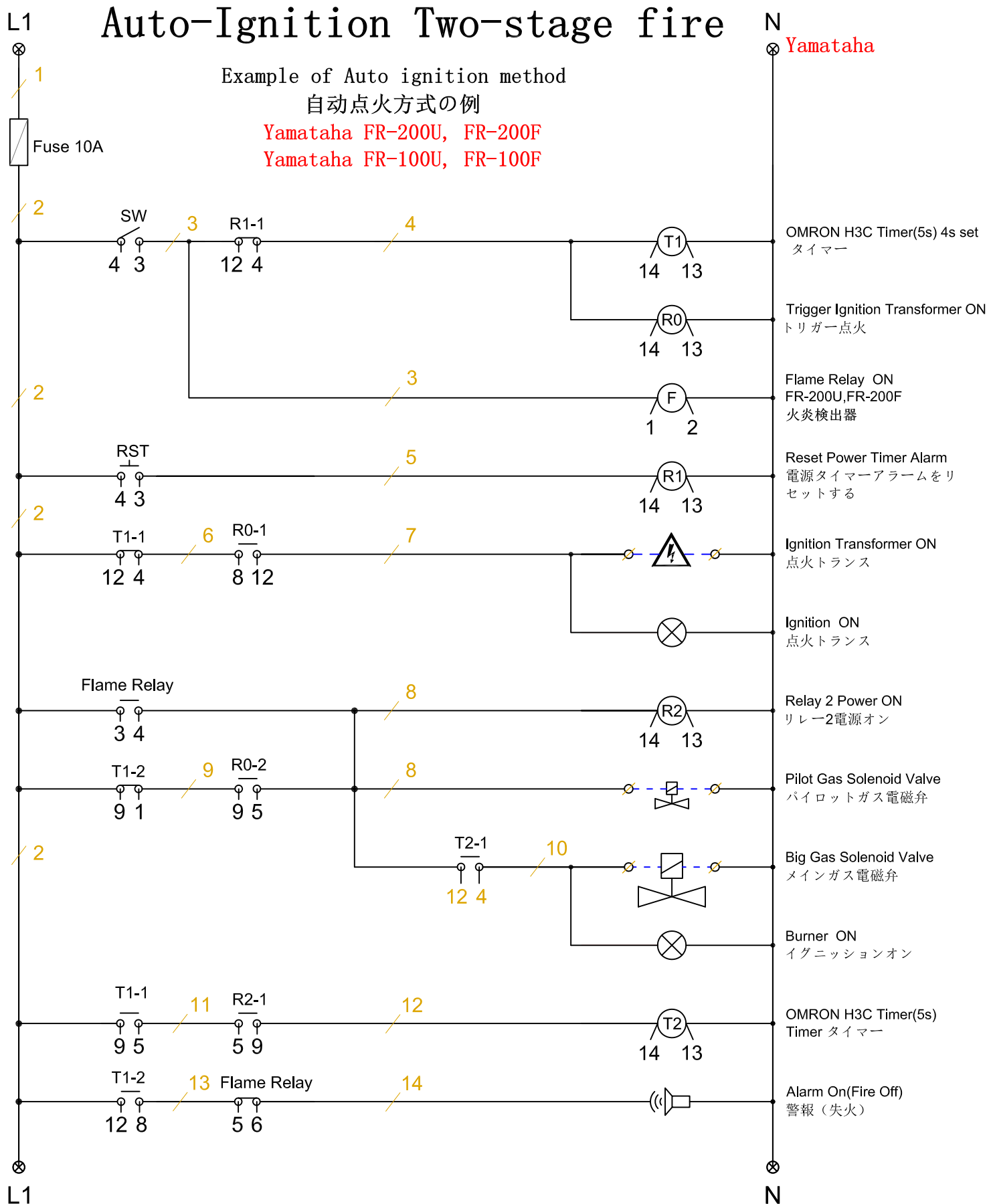


According to the wiring method and microammeter connection method
 配線方法とマイクロアンペアメータの接続方法に応じて

Flame Detector:

Flame Rod, Probe





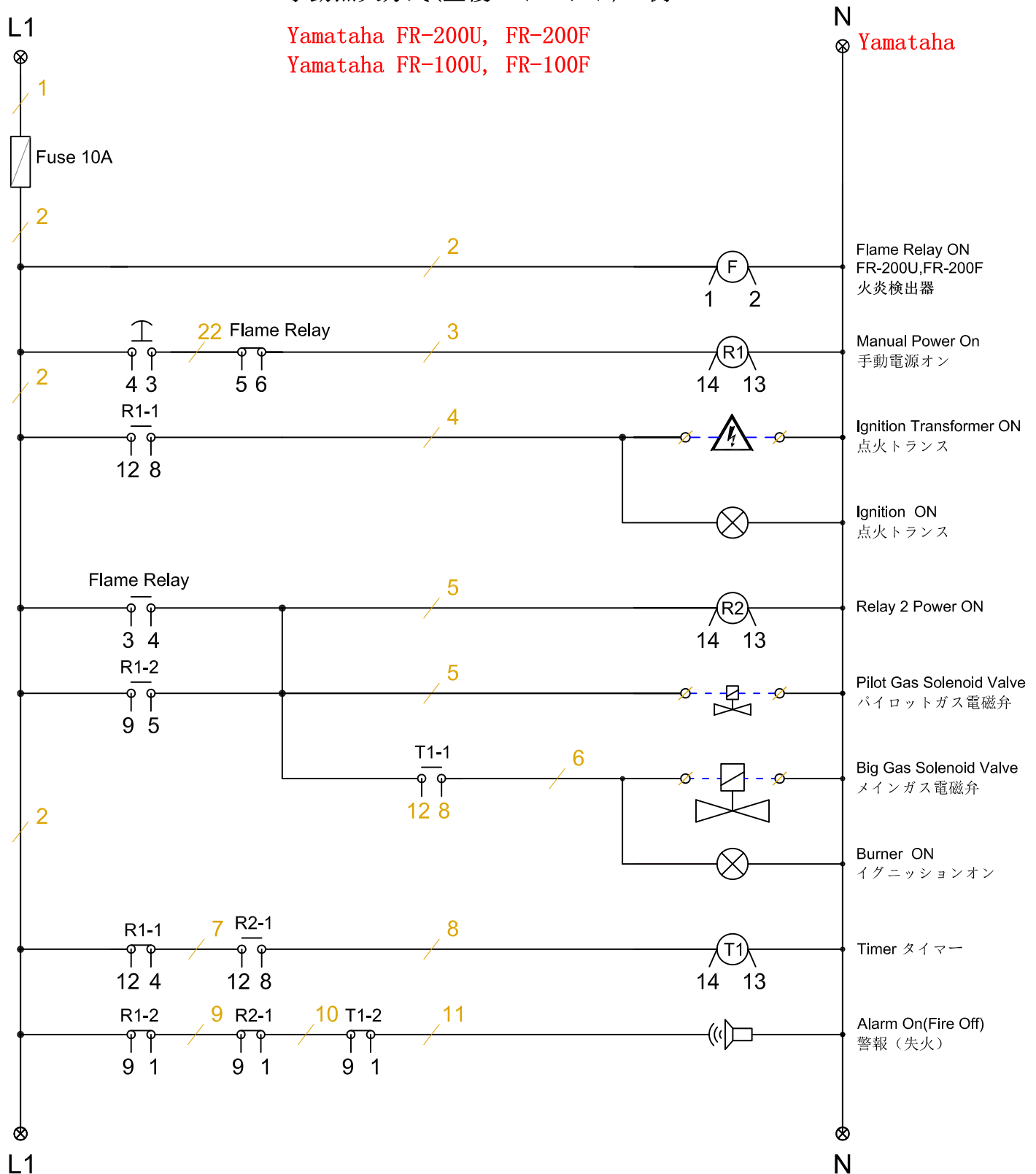
Manual-Igition Two-stage fire

Example of manual ignition method (Duplicate Pilot)

手動点火方式(重複パイロット)の例

Yamatoha FR-200U, FR-200F

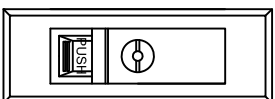
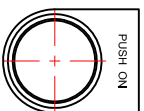
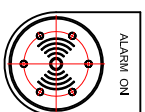
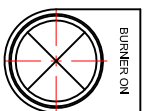
Yamatoha FR-100U, FR-100F



280
[in11.02]

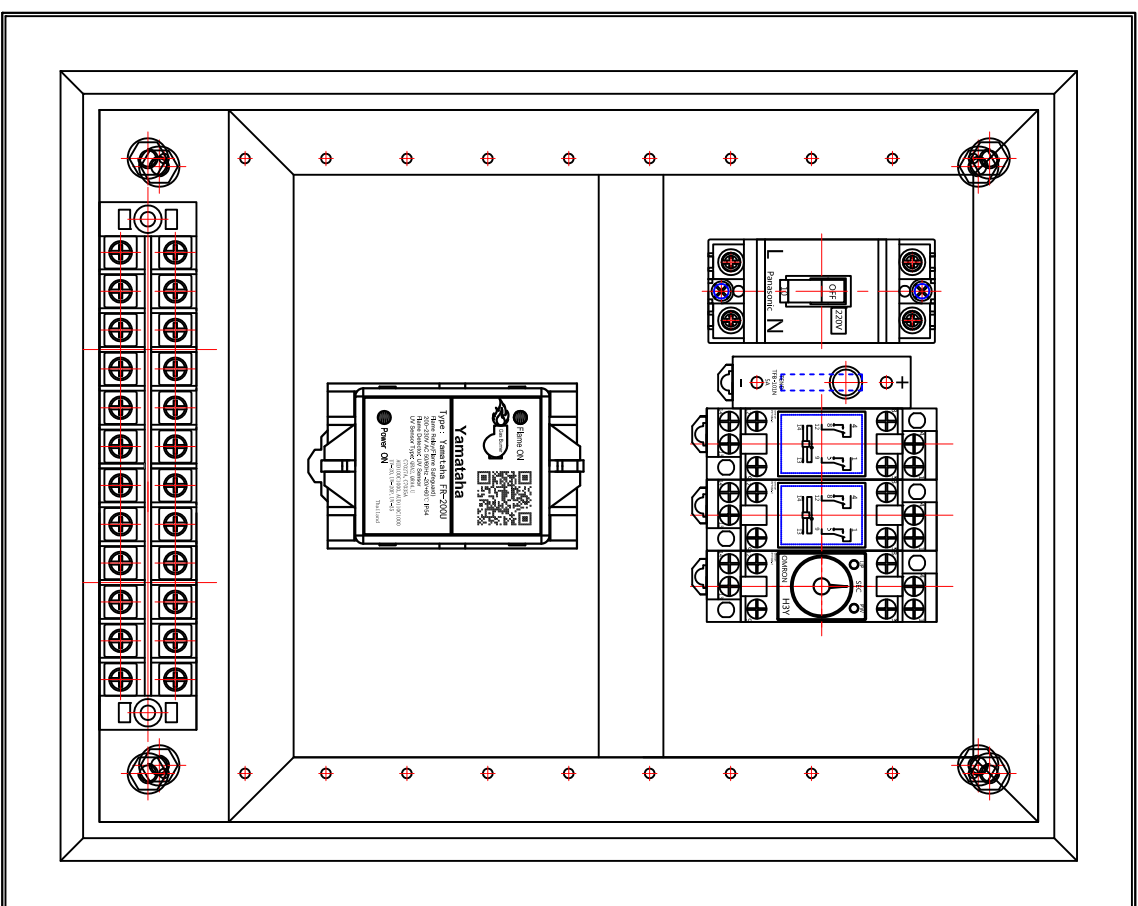
Manual-Igition Two-stage fire

Example of manual ignition method (Duplicate Pilot)
手動点火方式(重複パイロット)の例



350
[in13.78]

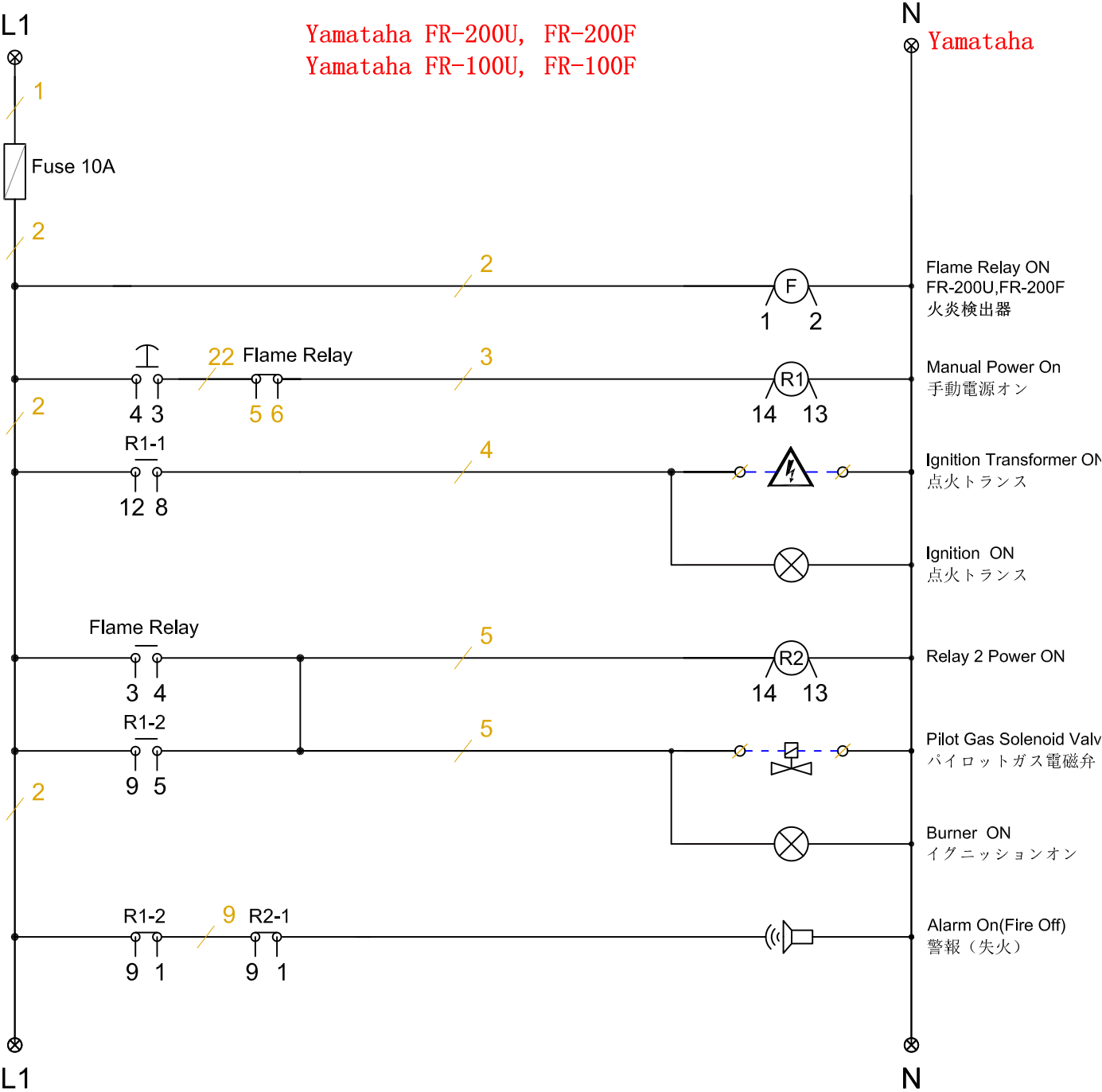
280
[in11.02]



Manual-Igition Single stage fire

Example of manual ignition method (Duplicate Pilot)
手動点火方式(重複パイロット)の例

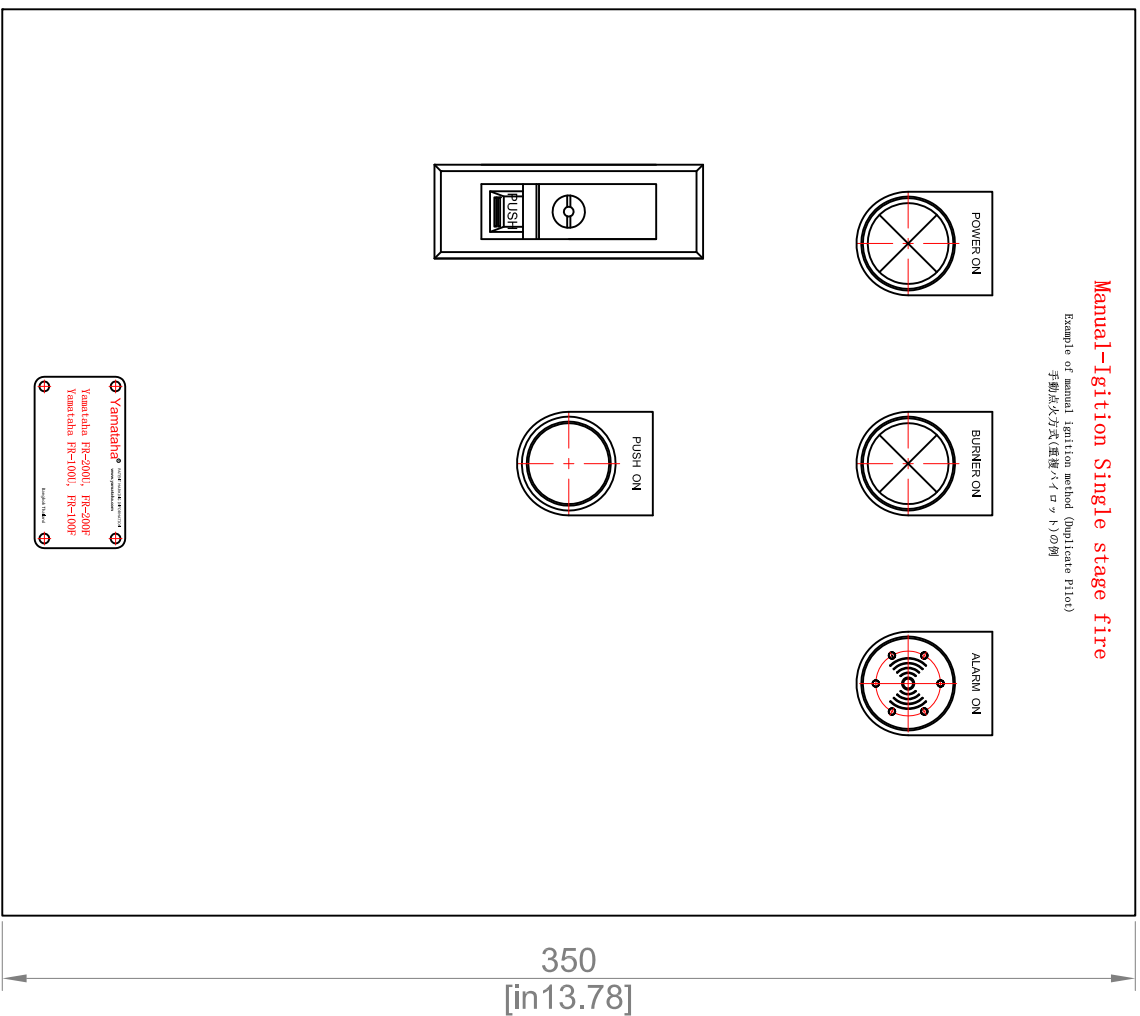
Yamataha FR-200U, FR-200F
Yamataha FR-100U, FR-100F



280
[in11.02]

Manual-Igition Single stage fire

Example of manual ignition method (Duplante Pilot)
手動点火方式(僅 Duplante Pilot)の例



280
[in11.02]

