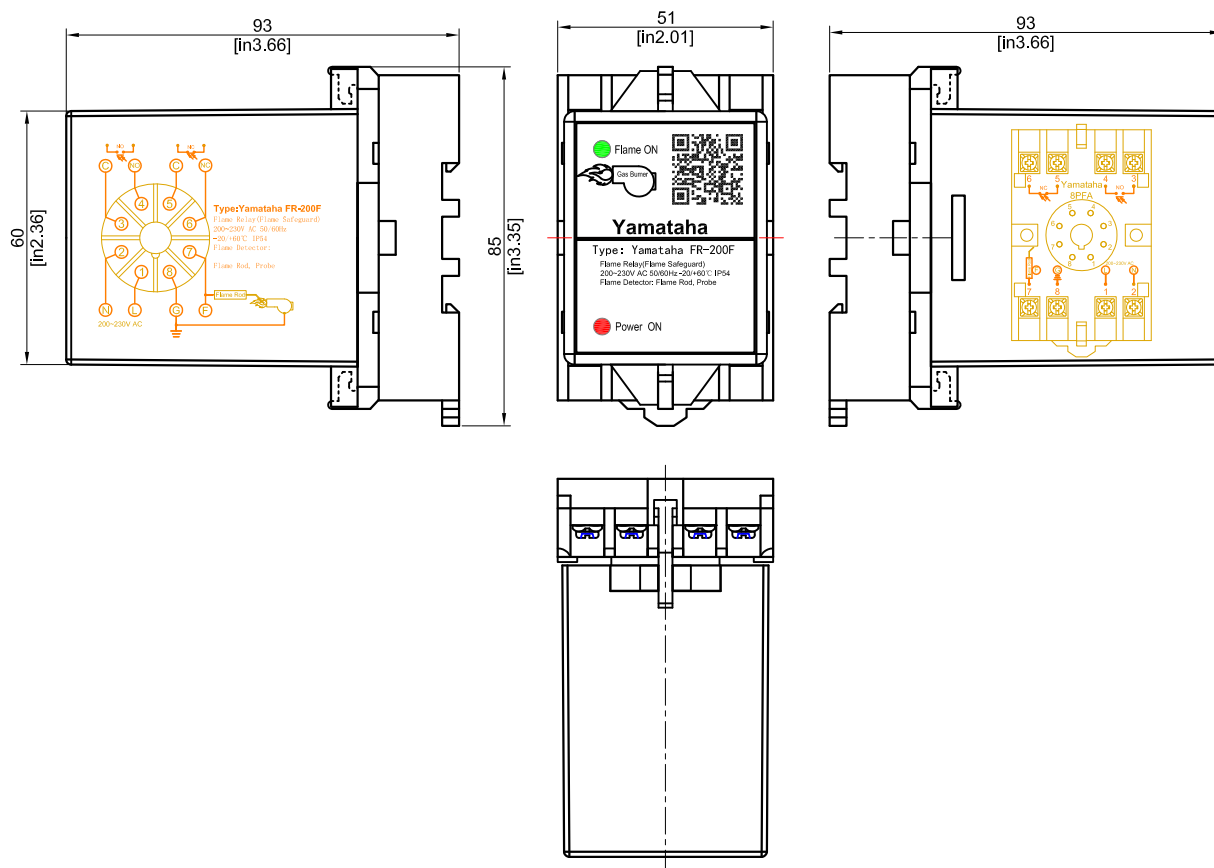


| Yamataha Flame Relay (Flame Safeguard) Flame Rod, Detection modelブローププラズマ 増巾部(フレイムデテクタリレ-) |                                                                                                                                                    |                 |  |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--|
| Type 形 式                                                                                   | Yamataha FR-100F, Yamataha FR-200F                                                                                                                 |                 |  |
| Flame Rod, detection modelブローププラズマ                                                         | FLAME ROD, Probe                                                                                                                                   |                 |  |
| Power Support定格電源電圧                                                                        | AC100V or または200V50, 60Hz                                                                                                                          |                 |  |
| Allowable voltage fluctuation<br>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<br>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<br>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<br>(緑色LED)                                            | Lights up when relay is activated (when flame is detected)                                                                                         | リレ-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<br>世時)                                                   | Relay ON at 10±5lx when shipped (ambient temperature 25° C)<br>(can be adjusted from 2 to 300lx) 出荷時10±5lxにてリレ-<br>ON(周囲温度25℃時)<br>(2~300lx設定可変可能) |                 |  |
| Permitted ambient temperature 許容周囲<br>温度                                                   | (-) 10~+55℃                                                                                                                                        |                 |  |
| Wiring distance配線距離                                                                        | Within about 40m 約40m以内                                                                                                                            |                 |  |

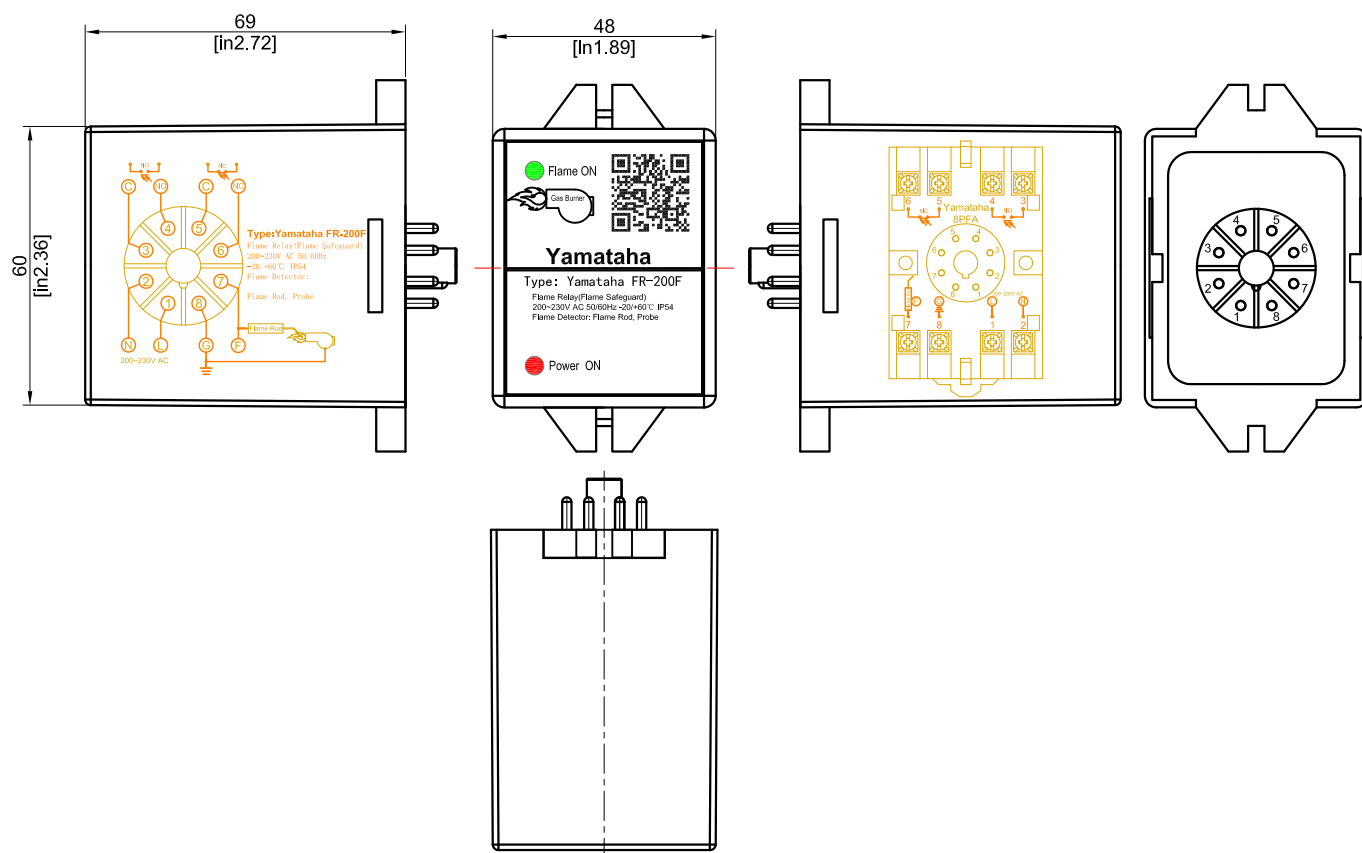
Flame detector relay and connecting socket of assembly diagram  
火炎検出器リレーと接続ソケットの組立図

Yamataha FR-200F

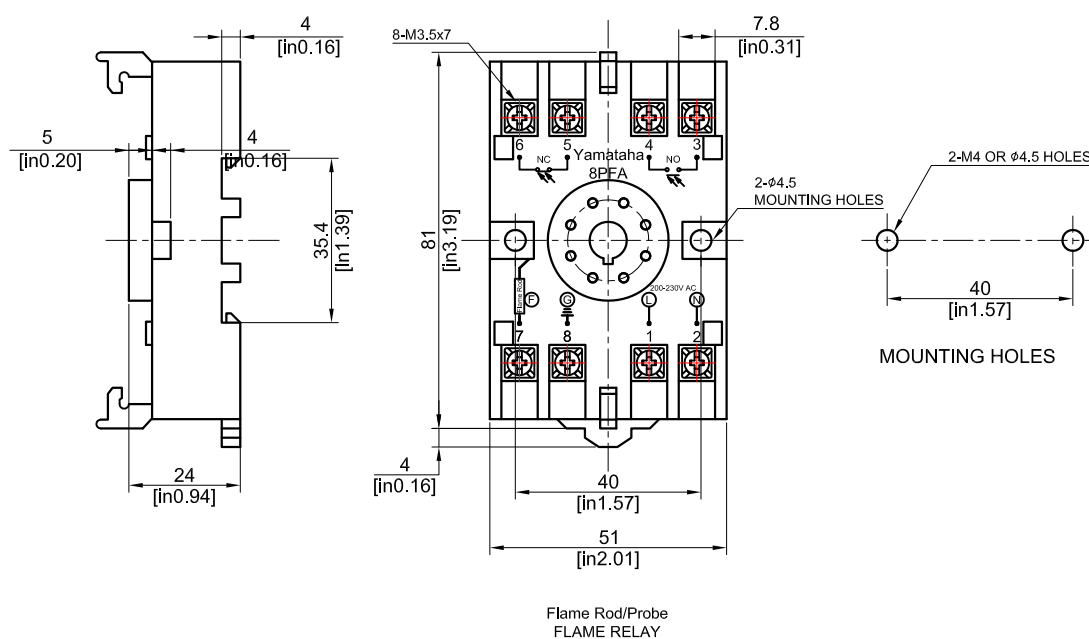
200-230V AC

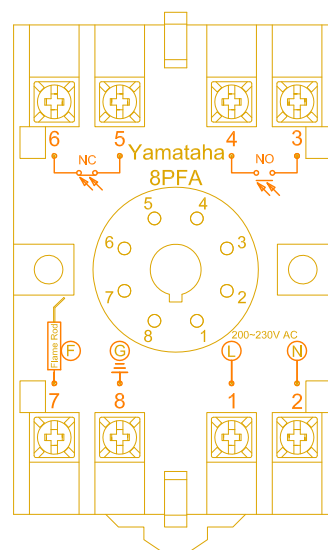
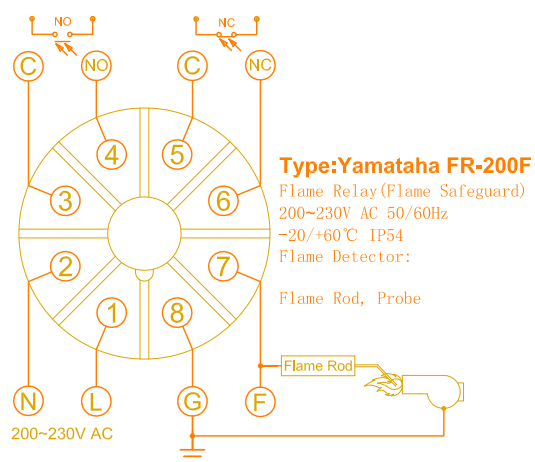


# Frame Detector Outline Drawing フレームデテクタリレー外形図



## Flame detection relay connection socket 炎検出リレー接続ソケット





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

