R.K. Instruments & Controls

TECHNICAL DATASHEET

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Honeywell Flame Detector Relay R4343 E1048

Brand: Honeywell Technologies | Code/Part No.: R4343 E1048 | Category: FLAME RELAY

Specifications

Type	**R4343 E1048**
Application	**Flame Detector Relay (Flame Switch)**
Supply Voltage	**115-230VAC, 50/60Hz**
Output Contact	**2A, 230VAC, cosϕ 0.65, potential-free**
Response Time	**T: 2 sec Max**
Flame Signal Monitoring	**Front µA meter jack socket**
Mounting	**Plug-in, onto subbase for surface mounting**
Compliance	**CE Marked (CE-0085AR0415)**
Origin	**Swiss Made**
Status	**Discontinued by Honeywell (2022), stocked by RKIC as spare**
Manufacturer	**Honeywell Technologies**



Description

The Honeywell R4343 E1048 is a flame detector relay that acts as a switch, signalling the presence or absence of a flame or ultraviolet (UV) light when paired with the correct sensor, for intermittent-operation industrial oil or gas burner systems. It runs on a 115-230VAC, 50/60Hz universal supply and switches a 2A, 230VAC (cos phi 0.65) potential-free output contact, with a flame-failure response time of 2 seconds maximum. A front-facing microammeter (uA) jack socket lets technicians monitor flame signal strength directly, and the plug-in unit mounts onto a subbase for surface mounting. Swiss made and CE marked (CE-0085AR0415), it was discontinued by Honeywell in 2022 and is stocked by RKIC as a spare for legacy burner control panels.

Typical media compatibility: CNG, PNG, LPG, Air, Nitrogen — confirm against application before installation.