

Honeywell 621-2200RC

Factory Mutual approved 230 V AC output module

Product scope

- The module nameplate identifies a 195–250 V AC output operating range.
- Load limits are stated as 2 A per point, 6 A per common and 8 A across the module.
- Factory Mutual, UL and CSA markings are visible on the supplied exact-model label.

Manufacturer source

Honeywell manufacturer nameplate supplied by the user; the model, output voltage and load ratings were visually verified.

This English web copy combines exact-model specifications with detailed function, system role, operating principle, application scenarios and installation boundaries.

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Honeywell 621-2200RC

Factory Mutual approved 230 V AC output module

Verified technical specifications

Values below apply to the exact model or nameplate identified on this page; adjacent family variants are not merged.

Nameplate designation	OUTPUT MODULE 230VAC
Output voltage range	195 to 250 V AC
Individual output rating	2 A
Common-group rating	6 A per common
Module total rating	8 A per module
Approval marking	Factory Mutual approved
Listings	UL Listed and CSA certified industrial control equipment

Product function and system role

Exact configuration

Honeywell 621-2200RC is a 230 V AC output module marked for 195–250 V AC loads. Its nameplate limits are 2 A per output, 6 A per common group and 8 A for the complete module.

The 621-2200RC switches mains-frequency AC loads from a Honeywell 621 control-system output position. Its nameplate identifies a 230 V AC output module and specifies a 195–250 V operating band, allowing the controller to command compatible contactors, indicators and other industrial control loads.

Functional role

Controller commands operate grouped AC output paths that share common conductors within the published current envelope.

The current item is the Honeywell 621 system 230 V AC output assembly identified by the RC suffix.

Key operating characteristics

- The module nameplate identifies a 195–250 V AC output operating range.
- Load limits are stated as 2 A per point, 6 A per common and 8 A across the module.
- Factory Mutual, UL and CSA markings are visible on the supplied exact-model label.

Operating principle and application guidance

Working principle

Load planning must be performed at three levels: no point may exceed 2 A, a common group may carry no more than 6 A and the entire module is limited to 8 A. These simultaneous constraints mean that a set of individually acceptable loads can still overload a common conductor or the module total.

Trace every common, verify load inrush and maintain branch protection before the original terminals are transferred.

Application scenarios

- Industrial control panels can command 230 V AC pilot devices within the point and common-group limits.
- Contactor coils may be operated when their steady current and pull-in inrush are both compatible with the output design.
- AC annunciators or indicators can share a common group after the worst-case simultaneous load is calculated.

Integration and replacement boundary

The photographed unit carries Factory Mutual approval together with UL and CSA industrial-control markings. Exact rack keying, common arrangement, branch protection, load inrush and terminal condition should be checked against the installed hardware because broader family data must not be assumed for this nameplate-only record.

Critical technical check

For 621-2200RC, calculate steady and inrush current by individual point, common group and whole module; satisfying the 2 A channel rating alone does not protect the 6 A and 8 A limits.

Manufacturer evidence used

- Honeywell manufacturer nameplate supplied by the user; the model, output voltage and load ratings were visually verified.
- Exact product identity checked: Honeywell 621-2200RC



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