



CEE Relays Ltd

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AUXILIARY RELAYS

TAA7000 SERIES

TAA7000 Series

This series consists of simple attracted armature relays, having up to 4 pairs of contacts on each unit.

The coil has a rating of 3W or less, and the contact ratings are as follows:

	ALTERNATING CURRENT	DIRECT CURRENT
Closing capacity	2500VA with maximum of 10A or 500V.	2500W with maximum of 10A or 500V
Breaking capacity	1250VA with maximum of 5A or 500V.	100W (resistive) or 50W (inductive) with maximum of 3A or 500V.
Continuous current	5A	5A

The coils of these relays are suitable for DC operation only, and the relay may be fitted with a hand-reset mechanical operation indicator.

Relays are generally designed for “shunt” applications, and are therefore given a voltage rating. It is possible to fit these relays with coils rated for different currents, making them the IAA7000 series.

Operating times are typically 20ms or less, with similar reset times.

Relays supplied as standard in this range are:

- TAA7010 Auxiliary relay with 4 pairs of contacts, mounted in an R1 case.
- TAA7020 (2-contact) Auxiliary relay containing 2 units each with 2 pairs of contacts, with a common point on the coils, mounted in an R1 case.
- TAA7020 (4-contact) Auxiliary relay containing 2 units each with 4 pairs of contacts, mounted in an R2 case.
- TAA7030 Auxiliary relay containing 3 units, each with 3 pairs of contacts, with a common point on two of the coils, mounted in an R2 case.
- TAA7040 Auxiliary relay containing 4 units, each with 2 pairs of contacts, with a common point on two of the coils, mounted in an R2 case.

Other special types, using similar auxiliary units, can be supplied upon request. Please consult us for feasibility.

Units suitable for AC operation are available. Please contact us for further information.

TAA7005 Series

This series consists of simple attracted armature relays, similar in construction to those used in the TAA7000 series relays, but with the difference that they are hand-reset. Once again, they may have up to 4 pairs of contacts on each unit.

As with the TAA7000 series, the coil has a rating of 3W or less, and the contact ratings are also similar.

The coils of these relays are suitable for DC operation only, and the relay is fitted as standard with a hand-reset mechanical operation indicator.

Although the standard relay is given a voltage rating, it is possible to fit it with a coil rated in operating current, making it the IAA7005 series.

Operating times are typically in the order of 20ms.

Relays that form part of this range are:

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| TAA7015 | Hand-reset auxiliary relay having 4 pairs of contacts, mounted in an R1 case.
Note: all 4 contacts are connected to separate case terminals, and no cut-off contact is used internally (unlike the RAD7000 series), as the coil is continuously rated. |
| TAA7025 | Hand-reset auxiliary relay containing 2 units each having 4 pairs of contacts, mounted in an R2 case. |

For non-standard versions of relays in this series, please consult us.

TAF7000 Series

These relays consist of simple attracted armature units, having no contacts. They are merely equipped with a mechanical operation indicator (flag).

The coil rating is less than 3W, and their operating time is typically 15ms, with a shorter pulse being necessary for their operation.

The only relay which is, at present, supplied as standard is the TAF7030 consisting of 3 units mounted in an R1 case.

Relays can be provided fitted with coils for current operation, their identification becoming IAF7030.

These relays are suitable for DC operation. Should special devices be required, please consult us.