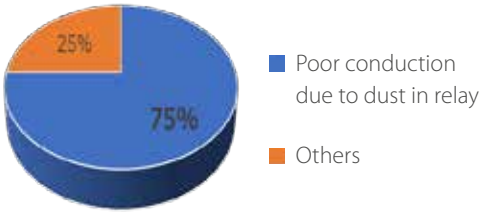
Relay quality

Unique OMRON productions technique

Sometimes machine suffer of unexpected stops but the cause couldn't be identified and when restarted or the relays are replaced, it runs without any problem.

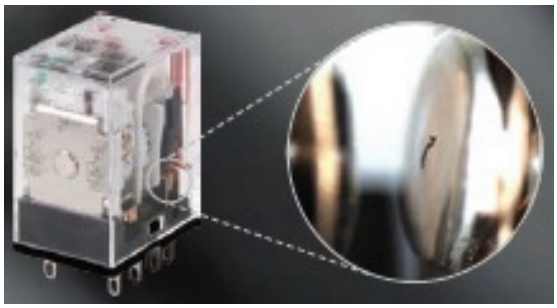
OMRON discovered that this type of issue could be caused by poor conduction in relays.



Based on OMRON research it has been possible to identify as main cause of relays fault, around the 75% , is related to poor conduction.

One of the reasons of the poor conduction in relays is primarily due to the dust caught between the contacts during the production process. This type of dust is coming from the following environments:

- Resin scrap coming from relay parts
- Textile fibers coming from workers during production



Would you like to know more?

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OMRON Solution to avoid poor conduction in relays

1. Avoid the generation of the dust

2. Avoid to introduce dust

3. Avoid to leave dust

OMRON's three commitments for relay production towards improved reliability:

- Avoid the generation of dust by providing standardized product design
- Avoid to introduce dust by producing the products in clean room with strict entry/exit control rules
- Avoid to leave dust by utilizing OMRON's unique dust removal technology

Would you like to know more?

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