What is the operation of the GV2AD fault signalling contacts of the GV2 circuit-breakers?

GV2ME, GV2P, GV2L, GV2LE, GV3P and GV3L circuit-breakers can be fitted with the following optional fault indicating contact blocks:

GVAD0110
GVAD0101
GVAD1010
GVAD1001

These blocks comprise of fault signalling contacts and instantaneous auxiliary contacts

GVAD0110

A N/O instantaneous auxiliary contact (terminals 53-54), closed when the device is energised and open when the device is de-energised.

A N/C fault signalling contact (terminals 95-96), closed if there is no fault, open when a fault (magnetic or thermal) occurs.

GVAD0101

A N/C instantaneous auxiliary contact (terminals 51-52), closed when the device is de-energised and open when the device is energised.

A N/C fault signalling contact (terminals 95-96), closed if there is no fault, open when a fault (magnetic or thermal) occurs.

GVAD1010

A N/O instantaneous auxiliary contact (terminals 53-54), closed when the device is energised and open when the device is de-energised.

A N/O fault signalling contact (terminals 97-98), open if there is no fault, closed when a fault (magnetic or thermal) occurs.

GVAD1001

A N/C instantaneous auxiliary contact (terminals 51-52), closed when the device is de-energised and open when the device is energised.

A N/O fault signalling contact (terminals 97-98), open if there is no fault, closed when a fault (magnetic or thermal) occurs.

The instantaneous auxiliary contact test is performed by creating a state of transition of the handle actuator between the de-energised position and the energised position.

The fault contact test is performed by pressing the test button when the handle actuator is in the closed position.

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