Test Project

KNX programming change
Surprise task C4

Skill 18 Electrical Installations

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KNX programming

Extend the KNX installation to respond when the automatic transfer switch (ATS) changes from the primary supply to the alternative supply.

Installation in A2: Install the **GVS AMMAF-04/16.S** in automation switchboard A2 and connect it to alternative supply switchover aux terminals.

Required functions

1: Socket 5 and Socket 6: When the ATS changes to the alternative supply, both sockets shall switch OFF.

2: Panel alarm: Display the alarm message "ATS active" on the touchscreen panel and activate an audible alarm.

3: Walkway light sequence: The same ATS changeover shall automatically start the following sequence for WL01, WL02 and WL03 once.

TIME FROM ATS CHANGEOVER	REQUIRED ACTION
Immediately (0 s)	Switch WL01 ON.
After 1 s	Switch WL02 ON. WL01 remains ON.
Then After 1 s	Switch WL03 ON. WL01 and WL02 remain ON.
Then After 1 s	Switch WL01, WL02 and WL03 OFF together.

4: Alarm acknowledgement: When the alarm is acknowledged on the touchscreen panel, Socket 5 and Socket 6 shall switch ON again.

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