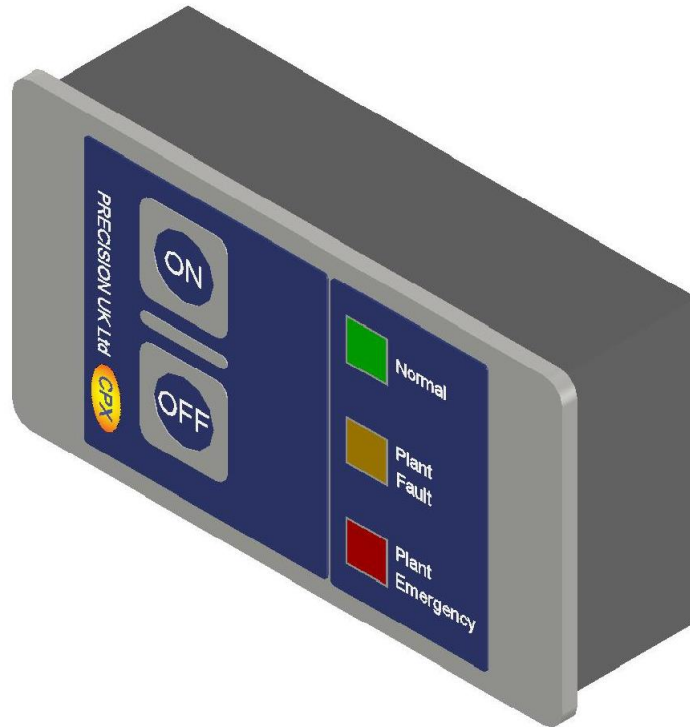


Technical Specification

AGSS remote start switch for Simplex and Duplex Plants



Product Description

Description- AGSS 24V Remote Switch

AGSS 24V Remote Switches consist of a PCB with ON/OFF Buttons, a green NORMAL indicator, amber PLANT FAULT indicator, red PLANT EMERGENCY indicator and a pair of 6 way screw terminals for wiring, The PCB is mounted on a 3mm mild steel fascia powder coated white with a membrane type self-adhesive label suitable for mounting into a British Standard 35mm deep drawn twin gang back box.

The plant can be controlled from various different locations by connecting separate AGSS Remote Switches in parallel using the terminals provided.



Operation

General

Turn on the Local isolator switch to enable the unit to run when called for via a Remote Switch. The green POWER ON indicator will illuminate.

When any of the Remote Switches connected to the AGSS Plant is switched ON, the duty pump will run. The green NORMAL indicators on the remote and the plant control unit will illuminate, along with the green DUTY SELECTED indicator for the appropriate pump and the green VACUUM OK indicator will illuminate on the plant control unit.

If subsequent Remote Switches are switched ON in other departments, the green NORMAL indicator will illuminate on those Remote Switches.

The AGSS Plant will continue to run until all Remote Switches connected to the plant have been switched OFF.

If at any time whilst the duty pump is running, the vacuum switch does not detect the correct level of vacuum due to a pump fault or high demand, the standby pump will automatically start, the corresponding green DUTY SELECTED indicator illuminates, the amber PLANT FAULT indicator illuminates and the amber PLANT FAULT indicator will illuminate and flash on all Remote Switches.

Also on the remote switches that are switched on the NORMAL indicator will flash. All fault indicators will extinguish when the vacuum level in the pipeline returns to normal.

If the standby pump cannot maintain the correct level of vacuum, the red PLANT EMERGENCY indicator will illuminate on the plant control panel and the both the PLANT FAULT and PLANT EMERGENCY indicators will flash on all the Remote Switches. Also on the remote switches that are switched on the NORMAL indicator will flash.

The yellow PLANT FAULT indicator on the plant will illuminate and flash on all Remote Switches should the thermal overload trip for either pump. Should the thermal overload trip for both pumps then the red PLANT EMERGENCY indicator will illuminate on the plant control panel and Flash on all Remote Switches. This relay is reset manually, the cause of this fault should be investigated.



Fixings instructions:

