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Siemens Technical Bulletin STAB18-0108

Pushbutton Change on Siemens Mk2 Nearside Signal, Demand & Wait Units

25th May 2018

Product: *Siemens Mk2 Nearside Equipment*
Modifications Req: *No*
Retrospective Action Req: *No*
Priority of Change: *Information only*

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Introduction

This bulletin has been issued as notification of a change to the existing pushbuttons used on Siemens Mk2 Nearside Signal, Demand & Wait Indicator units

Due to supply issues with the current microswitch and also reliability issues on the pushbutton during extreme weather, the existing pushbutton has now been replaced with a new design.

This new pushbutton design has a stronger return force to prevent sticking during cold weather and has an integral microswitch to eliminate issues of the switch falling out in hot weather

Scope

All pushbuttons used within Siemens Mk2 Nearside Signal, Demand and Wait Indicator units.

Procedure

The new pushbutton is a direct replacement of the existing pushbutton, so all effects on the assemblies and handbooks have been minimised.

This means that the existing partnumber 667/7/33670/000 will, from **1st June 2018** onwards, call up the new pushbutton and the following partnumbers will become obsolete:

667/7/33670/316 - Vandal Resistant Mech Switch Large Dia
667/7/33670/400 - Vandal Resistant Mech Switch 19mm

This new pushbutton design uses a high reliability microswitch which is fully integrated into the pushbutton body. However, in the unlikely event that the microswitch fails, the microswitch itself is not replaceable and the whole switch must be exchanged.

Please be aware that the connections on the new pushbutton are in different places and now have 3 tag terminals: Common (C), Normally Open (NO) and Normally Closed (NC). Figure 1 shows these 3 tag terminals.

The cables to the new switch should now **only** be connected to the Common (C) and Normally Open (NC) tags (see Figure2).

NOTE: The Normally Closed (NC) tag, which is adjacent to the “+” & “-“ symbols, should **never** be used.

Figure 1: New Pushbutton Connections

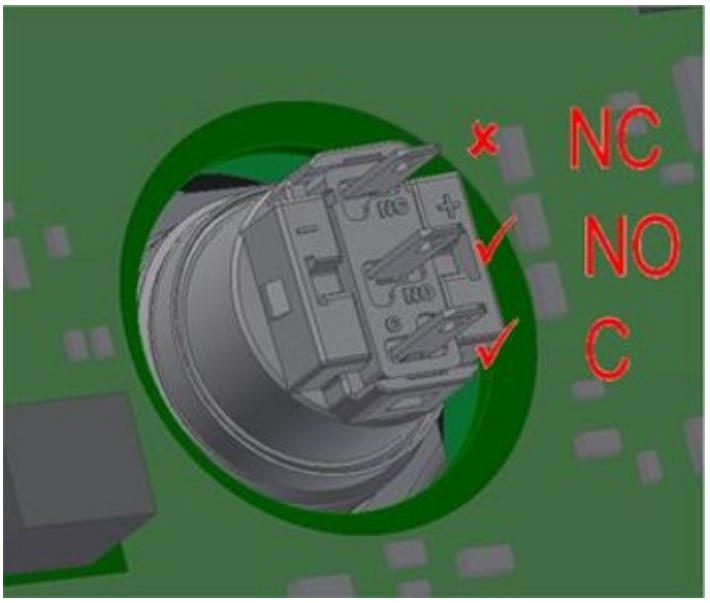
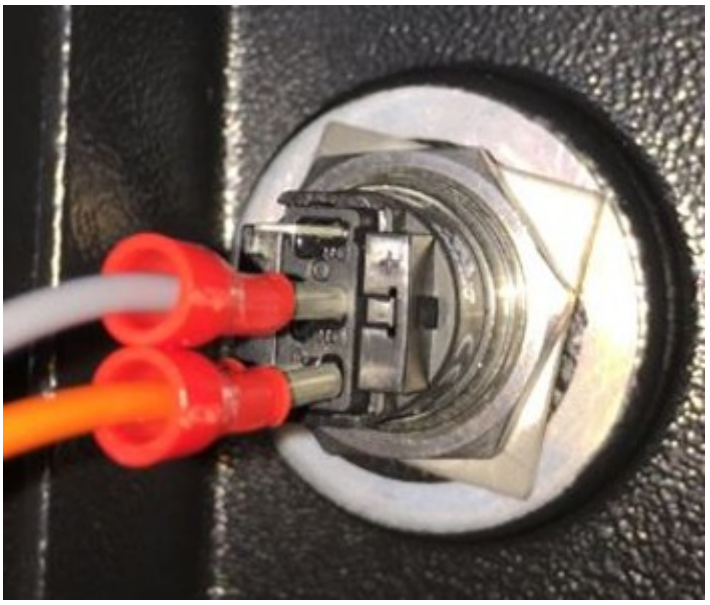


Figure 2: New Pushbutton Connected



Related Documents
None

Approved by: Keith Manston