

Guard Switches

CATEGORY: Recommended

Summary: CarnaudMetalbox Engineering have improved the guard switches on their 3400 Die Necker.

Replacement Euchner type guard switches are now available for retro-fit to replace Schmersal type guard switches fitted to 3400 Die Neckers.

In order to complete this modification you will require the following:

- The replacement Euchner type switches and ancillary fitting items (supplied by CMB)
- A copy of drawing 2395474D
- A copy of drawing 2395496D

Electrical Instructions:

**Note: the actuator requires 'teaching' to the guard switch.*

Please see drg. 2395474D for full details

In order to save changeover time it is recommended that the Euchner guard switch and actuator are 'tached' together before the machine installation starts.

You will need the guard switches/actuators, a 24VDC supply, one set of connecting leads (one M12 x 5 core, one M12 x 8 core) and one of the terminal boxes – all supplied by CMB. Ensure that the paired guard switch and actuator are kept/fitted together on the machine.

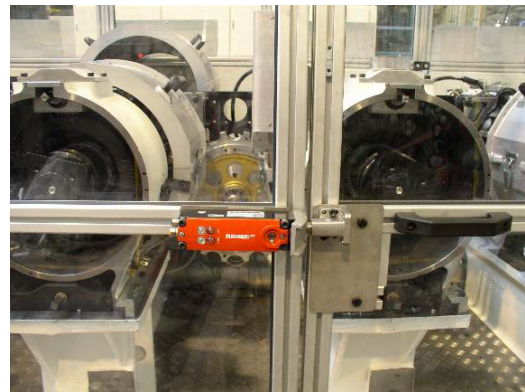
Fitting Instructions:

**Note: before commencing with this modification ensure that the electrical supply is isolated and locked-off in accordance with plant procedures*

1. Disconnect the existing multi-core cable from the Schmersal guard switch – this will be utilised for re-connection to the supplied terminal box.
2. Remove the Schmersal switch, handle and cable trunking.



3. Fit the mounting plates for the new guard switch and actuator, handle and the door stop. Please see drg. 2395496D.
4. Remove the internal door release handle 'shield' (if fitted).
5. Fit the black plastic handle (SZ0820S).
6. Fit the Euchner guard switch (double doors CET1-AR-CRA-AH-50XSG, single doors CET1-AR-CRA-AH-50F) and actuator (GET-A-BWK-50X).



7. Drill hole for guard switch cable (double door only). Mount the trunking and conduit blocks (2395473B). Please see drg. 2395496D for full details.
8. Fit one off M12 8 core cable and one off M12 5 core cable per guard switch. Feed through conduit blocks/conduit to inside of guard. Fit trunking covers.



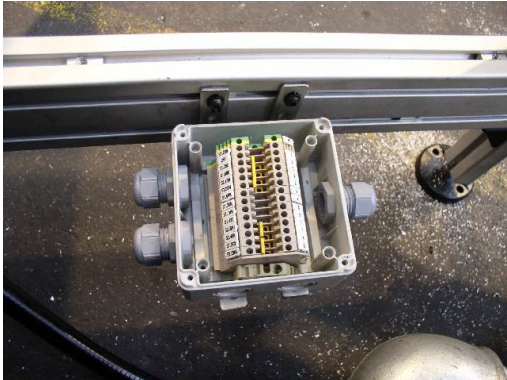
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9. Fit terminal box (one per switch) to the inside of the guard with the brackets provided. Connect two off leads from guard switch and existing multi-core cable. For full connection details please see drg. 2395474D in conjunction with your machine circuit drawing.



These improvements are applicable to all 3400 Die Neckers fitted with Schmersal type guard switches - serial numbers 002s to 010s.

Machines from serial number 011s were built with these revised Euchner type guard switches as standard.

For further information about this modification please contact CarnaudMetalbox Engineering quoting Technical Bulletin number **TB3400-003**.

If you require specific advice on how to fit these replacement switches, please send your machine serial numbers by email to: Electrical-GBR-Shipley@eur.crowncork.com

Note: a complete Library of Technical Bulletins is accessible on the Company Web Site

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2395496

PROJECTION



DO NOT SCALE

IF IN DOUBT-ASK

DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SPECIFIED

SINGLE DOORS

VIEW ON FRONT OF DOOR

TRUNKING 360mm

TRUNKING 410mm

TRUNKING 360mm

HOLE Ø25mm
TO BE DRILLED
FOR GUARD SWITCH/
EMERGENCY RELEASE
BUTTON
(CHECK DIMENSION
ON INSTALLATION)

USE EXISTING SLOT
(FOR CABLES)

350
(NOMINAL)

2397800C

2397802C

SINGLE DOORS

CorrosMetalbox Engineering plc Registered in England No:070287		<small>This drawing and the design shape herein are the exclusive property of CorrosMetalbox Engineering plc. The drawing shall not be copied, used, reproduced or registered in any form or for any purpose other than the specific authority in writing of CorrosMetalbox Engineering plc.</small>																					
Material Dimensions in mm decimal place (1/10) Ø25mm Dimensions in mm decimal places (1/100) 100mm Dimensions in mm decimal places (1/1000) 1000mm All other dimensions 100mm unless stated	Surface Finish Machining shape finish unless a surface finish of SA2 or CLA finish applies unless CLA values are shown where the symbol is necessary.	Drawn: BLS Date: 07/10/2009 Checked: ASC Release: 3400	<table border="1"> <tr> <th>Rev</th> <th>Description</th> <th>Date</th> <th>By</th> <th>Check</th> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Rev	Description	Date	By	Check	1					2					2				
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Title: Guard Switch Mounting 3400 NECKER		Part No: - Qty: - Unit: - Material: CHS GENERAL	Drawing No: 2395496																				

