

Application Note

Substitute

Model SD4R*

Series Solid 4

General Information

- Replacement
 - Either: MLC500Txx-yyyy + MLC510Rxx-yyyy for 5 pin connector on the receiver side, SD4Rxx-yyyy
 - Or: MLC500Txx-yyyy + MLC520Rxx-yyyy for 8 pin connector on the receiver side, SD4Rxx-yyyy**E**
 - Wiring is identical if the application is connected with 24V on Pin 4 Transmitter
 - Transmitter function of PIN4 is changed from test input to range selector input
 - Eventually the mounting holders need to be changed in addition, please have a look to the next page



Note:

xx = resolution; yyy = protective field height

Substitute model SD2* to MLC*

Mechanical adaption



OLD



NEW



BT-360-Set



BT-2HF

Note:

The hole pattern of the BT-360-Set is identical with the hole pattern of the BT-2HF.

Attention

Note:

Please pay attention to the following points:

- Only the MLC510 plus MLC500 or MLC520 plus MLC500 transmitter may be replaced together
- There is no need to change the cables. The requirements for both units to the cables are equal.
- The OSSD – pulse pattern of the units are different. The MLC510 and 520 is compatible with most of the safety inputs.
- different response time / MLC – series provide usually a faster response
- If the Solid was connected to a safety relay with test loop (If Pin 4 of transmitter is NOT connected with 24V) the replacement need to be changed to a MLC502 transmitter and a MLC510 receiver.

Any questions!?



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