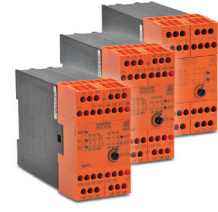


# Dold Safety Relays Selection Guide



| Specification                | E-Stop and Gate Safety Relay   | Time Delay Safety Relay   |
|------------------------------|--|---|
| <b>Coil Voltages</b>         | <b>24VDC, 110VAC, 230VAC</b>   | <b>24VAC/DC, 110VAC, 230VAC</b>   |
| <b>Contact Configuration</b> | 2 N.O. positive guided safety contacts or 3 N.O. positive guided safety contacts and 1 N.C. monitoring contact | 3 N.O. positive guided safety contacts and 1 N.C. monitoring contact                              |
| <b>Safety Data</b>           | Category 2 according to 13849-1<br>PLd according to EN 13849-1<br>SIL 2 according to IEC/EN 61508              | Category 4 according to 13849-1<br>PLe according to EN 13849-1<br>SIL 3 according to IEC/EN 61508 |
| <b>Agency Approvals</b>      | cULus, RoHS, CE, TUV   | cULus, RoHS, CE, TUV  |



| Specification                | Two-hand Control Safety Relay  | OSSD/Light Curtain Safety Relay  | Safety Mat and Edge Safety Relay  |
|------------------------------|--|--|---|
| <b>Coil Voltages</b>         | <b>24VDC, 110VAC, 230VAC</b>   | <b>24VDC</b>   | <b>24VDC</b>  |
| <b>Contact Configuration</b> | 2 N.O. positive guided safety contacts and 1 N.C. monitoring contact or 3 N.O. positive guided safety contacts and 1 N.C. monitoring contact | 2 N.O. positive guided safety contacts and 1 N.C. monitoring contact or 3 N.O. positive guided safety contacts and 1 N.C. monitoring contact | 2 N.O. positive guided safety contacts and 1 N.C. monitoring contact or                           |
| <b>Safety Data</b>           | Category 4 according to EN 13849-1<br>PLe according to EN 13849-1<br>SIL 3 according to IEC/EN 61508   | Category 4 according to 13849-1<br>PLe according to EN 13849-1<br>SIL 3 according to IEC/EN 61508  | Category 4 according to 13849-1<br>PLe according to EN 13849-1<br>SIL 3 according to IEC/EN 61508 |
| <b>Agency Approvals</b>      | cULus, RoHS, CE, TUV   | cULus, RoHS, CE, TUV   | cULus, RoHS, CE, TUV  |



| Specification           | Speed Monitoring Relays (Prox, Frequency, and Motor Standstill)                                   | Extension Relays  | Multifunction Safety Relay  |
|-------------------------|---|---|---|
| <b>Coil Voltages</b>    | <b>24VAC/VDC</b>  | <b>24VAC/VDC</b>  | <b>24VDC</b>  |
| <b>Safety Data</b>      | Category 4 according to 13849-1<br>PLe according to EN 13849-1<br>SIL 3 according to IEC/EN 61508 | Category 4 according to 13849-1<br>PLe according to EN 13849-1<br>SIL 3 according to IEC/EN 61508 | Category 4 according to 13849-1<br>PLe according to EN 13849-1<br>SIL 3 according to IEC/EN 61508 |
| <b>Agency Approvals</b> | cULus, RoHS, CE, TUV  | cULus, RoHS, CE, TUV  | cULus, RoHS, CE, TUV  |

# Safety Products



*Warning: Safety products sold by AutomationDirect are Safety components only. The purchaser/installer is solely responsible for the application of these components and ensuring all necessary steps have been taken to assure each application and use meets all performance and applicable safety requirements and/or local, national and/or international safety codes as required by the application. AutomationDirect cannot certify that our products, used solely or in conjunction with other AutomationDirect or other vendors' products, will assure safety for any application. Any person using or applying any products sold by AutomationDirect is responsible for learning the safety requirements for their individual application and applying them, and therefore assumes all risks, and accepts full and complete responsibility, for the selection and suitability of the product for their respective application.*

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