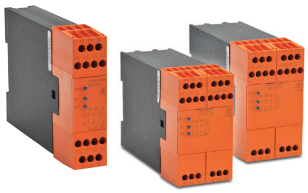
Dold Safety Relays Selection Guide

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