Dold Safety Relays Selection Guide











Specification	E-Stop and Gate Safety Relay		Time Delay Safety Relay
Coil Voltages	24VDC, 110VAC, 230VAC	24VAC/DC, 110VAC, 230VAC	24VAC/DC
Contact Configuration	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	24VDC, 110VAC, 230VAC	24VDC	24VDC
Contact Configuration	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	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	24VAC/VDC	24VAC/VDC	24VDC
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



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