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Consiliere specializata



SCHNEIDER MODUL DE SIGURANTA, HARMONY SAFETY AUTOMATION, CAT.4, FARA POTENTIAL NC/NC, NO/NC, PNP/PNP, 24V AC/DC

range of product	Harmony Safety Automation
product or component type	Safety module
safety module name	XPSUAF
safety module application	Monitoring antivalent contacts For emergency stop, guard and light curtain monitoring
function of module	Emergency stop button with 2 NC contacts Guard monitoring with 1 or 2 limit switches Monitoring 2 PNP sensors Magnetic switch monitoring Light curtain monitoring RFID switch Monitoring of electro-sensitive protection equipment (ESPE) Proximity sensor monitoring
safety level	Can reach PL e/category 4 conforming to ISO 13849-1 Can reach SILCL 3 conforming to IEC 62061 Can reach SIL 3 conforming to IEC 61508

safety reliability data	MTTFd > 30 years conforming to ISO 13849-1 Dcavg >= 99 % conforming to ISO 13849-1 PFHd = 1.13E-09 conforming to ISO 13849-1 HFT = 1 conforming to IEC 62061 PFHd = 1.13E-09 conforming to IEC 62061 SFF > 99% conforming to IEC 62061 HFT = 1 conforming to IEC 61508-1 PFHd = 1.13E-09 conforming to IEC 61508-1 SFF > 99% conforming to IEC 61508-1 Type = B conforming to IEC 61508-1
electrical circuit type	NC pair PNP pair Antivalent pair OSSD pair
connections - terminals	Removable spring terminal block, 0.2...2.5 mm² solid or flexible Removable spring terminal block, 0.25...2.5 mm² flexible with ferrule single conductor Removable spring terminal block, 0.2...1.5 mm² solid or flexible twin conductor Removable spring terminal block, 2 x 0.25...1 mm² flexible with ferrule without cable end, with bezel Removable spring terminal block, 2 x 0.5...1.5 mm² flexible with ferrule with cable end, with bezel
[Us] rated supply voltage	24 V AC - 15...10 % 24 V DC - 20...20 %
synchronisation time between inputs	Complementary 0.5 s 2 s 4 s
type of start	Automatic/manual/monitored
power consumption in W	2.0 W 24 V DC
power consumption in VA	5.0 VA 24 V AC 50/60 Hz
input protection type	Internal, electronic
safety outputs	3 NO
safety inputs	2 safety input 24 V DC 5 mA
maximum line resistance	500 Ohm
input compatibility	Normally closed circuit conforming to ISO 14119 XC limit switch conforming to ISO 14119 Mechanical contact conforming to ISO 14119 Normally closed circuit conforming to ISO 13850 Antivalent pair conforming to ISO 14119 OSSD pair conforming to IEC 61496-1-2 3-wire proximity sensors PNP
[Ie] rated operational current	5 A AC-1 for normally open relay contact 3 A AC-15 for normally open relay contact 5 A DC-1 for normally open relay contact 3 A DC-13 for normally open relay contact
control outputs	3 on/off configurable pulsed output

Pret: 838,26 LEI (TVA inclus)

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potential-nc-nc-no-nc-pnp-pnp-24v-ac-dc