



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

<b>range of product</b>	Harmony Safety Automation
<b>product or component type</b>	Safety module
<b>safety module name</b>	XPSUAF
<b>safety module application</b>	Monitoring antivalent contacts For emergency stop, guard and light curtain monitoring Emergency stop button with 2 NC contacts Guard monitoring with 1 or 2 limit switches Monitoring 2 PNP sensors
<b>function of module</b>	Magnetic switch monitoring Light curtain monitoring RFID switch Monitoring of electro-sensitive protection equipment (ESPE) Proximity sensor monitoring
<b>safety level</b>	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

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

Pret: 726,71 LEI (TVA inclus)

Detalii online: <https://www.materialelectrice.ro/modul-de-siguranta-harmony-safety-automation-cat-4-fara->

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