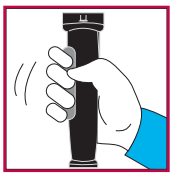
Preventa safety modules
Type XPSVC
For enabling switch monitoring



Operating principle

The enabling grip switch system, comprising an enabling switch **XY2AU** and a monitoring module **XPSVC**, enables authorised personnel to carry out adjustment, programming or maintenance operations within hazardous zones of machines providing certain conditions are met.

To be accessible, such operations are often carried out at reduced speed, and must be intentionally selected by authorised persons by means of a selector switch or key switch. Once the selection is made, the enabling switch system temporarily takes over from the hazardous zone's usual protection measures.

Caution: The enabling switch system alone must not cause dangerous movements of the machine to be activated; a second intentional control action on the part of the operator is required. In addition, each person remaining in the hazardous zone must be provided with an individual enabling switch to ensure their own safety.

Maximum achievable safety level

- PL e/Category 4 conforming to EN/ISO 13849-1
- SILCL3 conforming to EN/IEC 61508 and EN/IEC 62061

Product certifications

- UL
- CSA
- TÜV

References



XPSVC1132

Description	Connection	Number of safety circuits	Solid-state outputs for PLC	Supply	Reference	Weight kg/ *lb*
Safety modules for enabling switch monitoring	Captive screw clamp terminals Terminal block integrated in module	2 NO	2	⎓ 24	**XPSVC1132**	0.250/ *0.551*
	Captive screw clamp terminals Terminal block removable from module	2 NO	2	⎓ 24	**XPSVC1132P**	0.250/ *0.551*