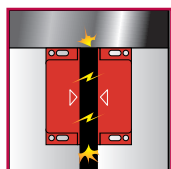


# Preventa safety modules

For coded magnetic switch monitoring  
**XPSDMB, XPSDME**

Catalog

October **2015**



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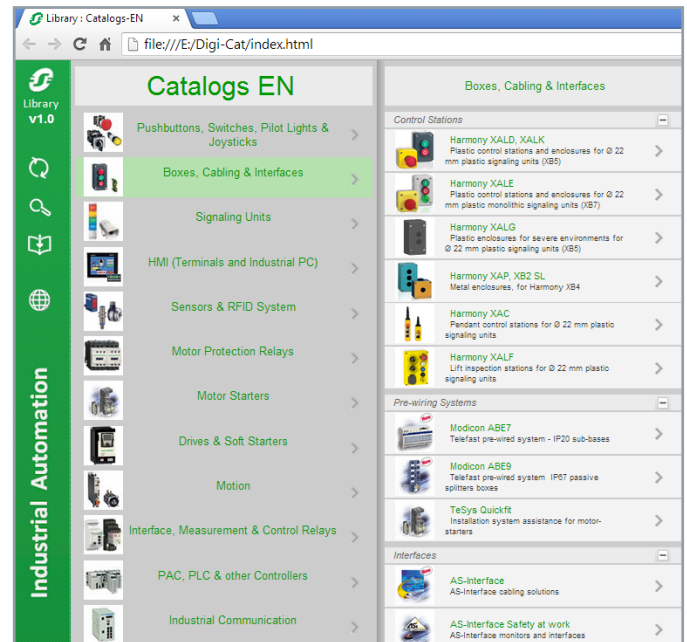
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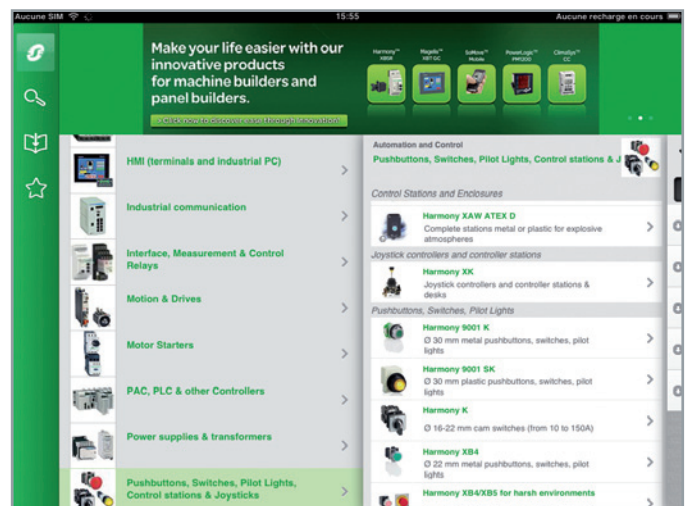
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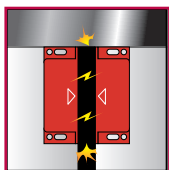


# General contents

## Preventa safety modules

### For coded magnetic switch monitoring

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### Operating principle

Safety modules **XPSDMB** are specifically designed for monitoring coded magnetic safety switches. They incorporate two safety outputs and two solid-state outputs for signalling to the process PLC. Conforming to Performance Level PL e/Category 4 conforming to EN/ISO 13849-1, modules **XPSDMB** can monitor two independent sensors. To monitor a higher number of magnetic switches using these safety modules, the magnetic switches can be connected in series parallel.

- Safety modules **XPSDMB●●●●P** incorporate removable terminal blocks, thus optimising machine maintenance.
- To aid diagnostics, the modules have LEDs on the front face which provide information on the monitoring circuit status.

### Maximum achievable safety level

- PL e/Category 4 conforming to EN/ISO 13849-1
- SILCL 3 conforming to EN/IEC 62061

### Product certifications

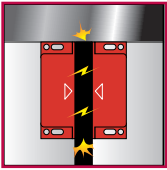
- UL
- CSA
- TÜV

### References

Description	Connection	Number of safety circuits	Synchro time between inputs	Solid-state outputs for PLC	Supply	Reference	Weight kg/lb
Safety modules for monitoring 2 coded magnetic switches	Captive screw clamp terminals Terminal block integrated in module	2 NO	< 0.5 s	2	≡ 24 V	<b>XPSDMB1132</b>	0.250/ 0.551
	Captive screw clamp terminals Terminal block removable from module	2 NO	< 0.5 s	2	≡ 24 V	<b>XPSDMB1132P</b>	0.250/ 0.551



XPSDMB1132



### Operating principle

Safety modules **XPSDME** are specifically designed for monitoring coded magnetic safety switches. They incorporate two safety outputs and two solid-state outputs for signalling to the process PLC. Conforming to Performance Level PL e/Category 4 conforming to EN/ISO 13849-1, modules **XPSDME** can monitor up to six independent sensors.

To monitor a higher number of magnetic switches using these safety modules, the magnetic switches can be connected in series parallel.

- Safety modules **XPSDME●●●●P** incorporate removable terminal blocks, thus optimising machine maintenance.
- To aid diagnostics, the modules have LEDs on the front face which provide information on the monitoring circuit status.

### Maximum achievable safety level

- PL e/Category 4 conforming to EN/ISO 13849-1
- SILCL 3 conforming to EN/IEC 62061

### Product certifications

- UL
- CSA
- TÜV

### References

Description	Connection	Number of safety circuits	Synchro time between inputs	Solid-state outputs for PLC	Supply	Reference	Weight kg/lb
Safety module for monitoring 6 coded magnetic switches	Captive screw clamp terminals Terminal block integrated in module	2 NO	< 0.5 s	2	≡ 24 V	<b>XPSDME1132</b>	0.300/ 0.661
	Captive screw clamp terminals Terminal block removable from module	2 NO	< 0.5 s	2	≡ 24 V	<b>XPSDME1132P</b>	0.300/ 0.661
	Captive screw clamp terminals Terminal block integrated in module	2 NO	< 2.2 s	2	≡ 24 V	<b>XPSDME1132TS220</b>	0.300/ 0.661



XPSDME1132

<b>X</b>	
XPSDMB1132	4
XPSDMB1132P	4
XPSDME1132	5
XPSDME1132P	5
XPSDME1132TS220	5



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#### Schneider Electric Industries SAS

Head Office  
35, rue Joseph Monier  
F-92500 Rueil-Malmaison  
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