



Main

Commercial Status	Commercialised
Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSBCE
Safety module application	For electrical monitoring of two-hand control stations
Function of module	Monitoring two-hand control station
Safety level	Can reach SILCL 3 conforming to EN/IEC 62061 Can reach PL e/category 4 conforming to EN/ISO 13849-1
Safety reliability data	PFHd = 3E-8 1/h conforming to EN/IEC 62061 MTTFd = 37 years conforming to EN/ISO 13849-1 DC > 99 % conforming to EN/ISO 13849-1
Connections - terminals	Spring terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1 mm ² flexible cable with cable end, with double bezel Spring terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm ² flexible cable with cable end, with bezel Spring terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm ² flexible cable with cable end, without bezel Spring terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² flexible cable without cable end Spring terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² solid cable without cable end
Output type	Relay 2 NO, volt-free
Number of additional circuits	1 NC
[Us] rated supply voltage	24 V AC/DC (- 15...10 %)

Complementary

Synchronisation time between inputs	0.5 s
Supply frequency	50/60 Hz
Power consumption	<= 4 VA
Input protection type	Internal, electronic
Number of inputs	1 NC + NO
Input compatibility	Two-hand control conforming to EN 574/ISO 13851-III C
Control circuit voltage	24 V DC
Breaking capacity	B300 : holding 160 VA AC-15 for relay output B300 : inrush 3600 VA AC-15 for relay output
Breaking capacity	1.5 A - L/R = 50 ms, DC-13 for relay output
[Ith] conventional free air thermal current	<= 6 A
Associated fuse rating	6 A gG for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	10 mA for relay output
Minimum output voltage	17 V for relay output
Response time on input open	<= 50 ms
[Ui] rated insulation voltage	300 V, degree of pollution 2 conforming to DIN VDE 0110 part 1 300 V, degree of pollution 2 conforming to IEC 60947-5-1
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III, conforming to DIN VDE 0110 part 1 4 kV overvoltage category III, conforming to IEC 60947-5-1

Local signalling	3 LEDs
Mounting support	35 mm symmetrical DIN rail
Product weight	0.272 kg

Environment

Standards	EN 574 type III C/ISO 13851 EN/IEC 60204-1 EN/IEC 60947-5-1
Product certifications	BG CSA UL
IP degree of protection	IP40(Enclosure) conforming to EN/IEC 60529 IP20(Terminals) conforming to EN/IEC 60529
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-25...75 °C

Dimensions

