

ITEM 121300 MSC-CE-SPMO-121300

Description	Technical data	Accessories	Downloads
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Features

- › Input expansion
- › 2 inputs for proximity switch
- › Compact housing with width of only 22.5mm
- › Straightforward diagnostics via LED displays
- › Plug-in screw terminals

Approvals



Mechanical values and environment

Dimensions	108 x 22.5 x 114.5 [1]
Material	
	Housing Polyamide
Ambient temperature	-10 ... +55 °C

Atmospheric humidity	10 ... 95 % rH
Degree of protection	IP20
Mounting method	Mounting rail 35mm [2]
	Proximity switch
Number of axes	2
Connection	2 Plug-in terminal [3]

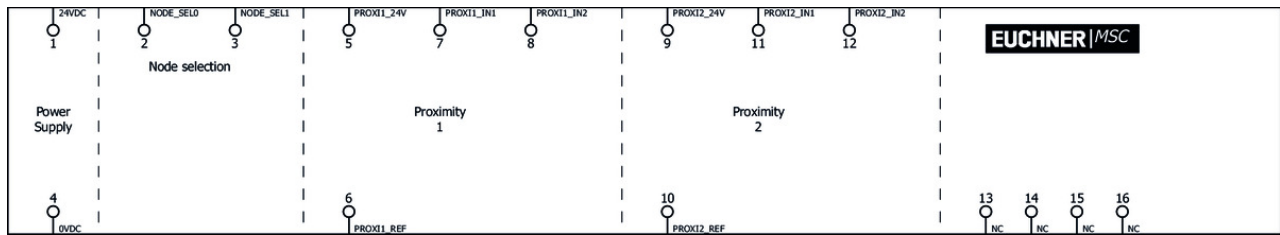
Electrical connection ratings

Operating voltage DC	UB 24 V DC -20% ... +20% PELV [4]
Overvoltage category according to IEC EN 60664-1	II
Degree of contamination according to EN 60664-1	2
Connection cross-section	0,5 ... 2,5 mm ²
Delay time	0,0106 ... 0,0546 s [5]
Power consumption	max.3 W
	Proximity switch
Spacing limits	min.5 %
Number	2
Frequency	5
Frequency spacing	min.10 Hz
Limit range	1 Hz - 4 kHz [6]
Type of input	PNP / NPN -3/4-wires

Reliability values acc. to EN ISO 13849-1

Performance Level	PL e [7]
Category	4 [8]
PFH _D	5.98E-09 1/h [9]
Mission time	20 y [10]

Block diagram



Connection material

- Terminal set 4 contacts, screw terminals



121320 AC-SC-04-V04-121320

- Features

› Plug-in screw terminals

- Expansion connector, MSC



121308 AC-PL-B-121308

Instructions

- TECHNISCHES DATENBLATT Erweiterungsmodule

	Doc. no.	Version	Language	Download
TECHNISCHES DATENBLATT Erweiterungsmodule	121345	02-02/16		1.1 MB
DOCUMENTO TÉCNICO módulos de expansión				
FICHE TECHNIQUE modules d'extension				
FOGLIO TECNICO moduli di espansione				
TECHNICAL SHEET expansion units				

Catalogs

- MSC-Erweiterungsmodule SPM0/SPM1/SPM2

	Doc. no.	Version	Language	Download
MSC-Erweiterungsmodule SPM0/SPM1/SPM2	126647	01-11/15		0.7 MB
MSC expansion modules SPM0/SPM1/SPM2				

- Módulos de ampliación para MSC SPM0/SPM1/SPM2

	Doc. no.	Version	Language	Download
Módulos de ampliación para MSC	126942	01-11/15		0.2 MB
SPM0/SPM1/SPM2				
Modules d'extension MSC SPM0/SPM1/SPM2				

- Einfach programmierbar - Die sichere Kleinststeuerung MSC Easily programmable - The small safe

control system MSC Simplement programmable - L'automate de sécurité MSC Fácil de programar - El controlador seguro de tamaño reducido MSC 易于编程 - MSC小型安全控制系统

	Doc. no.	Version	Language	Download
Einfach programmierbar - Die sichere Kleinsteuerung MSC	121780	05-05/16		 2.2 MB
Simplement programmable - L'automate de sécurité MSC	122111	05-05/16		 2.2 MB
Fácil de programar - El controlador seguro de tamaño reducido MSC	122112	05-05/16		 2.2 MB
Easily programmable - The small safe control system MSC	121888	05-05/16		 2.2 MB
易于编程 - MSC小型安全控制系统	157058	05-05/16		 2.7 MB