

8 Technical details

General	772121
Approvals	BG, CCC, CE, GOST, TÜV, cULus Listed
Application range	Failsafe
Electrical data	772121
Supply voltage	
for	Module supply
Voltage	24 V
Kind	DC
Voltage tolerance	-15 %/+20 %
Output of external power supply (DC)	5,0 W
Supply voltage	
for	Supply to the system
internal	Via base unit
Voltage	3,3 V
Kind	DC
Status indicator	LED
Inputs	772121
Maximum input delay	15 ms
Semiconductor outputs	772121
Switch-off delay	5 ms
Fieldbus interface	772121
Galvanic isolation	Yes
Environmental data	772121
Ambient temperature	
In accordance with the standard	EN 60068-2-14
Temperature range	0 - 60 °C
Storage temperature	
In accordance with the standard	EN 60068-2-1/-2
Temperature range	-25 - 70 °C
Climatic suitability	
In accordance with the standard	EN 60068-2-30, EN 60068-2-78
Condensation during operation	Not permitted
EMC	EN 61131-2
Vibration	
In accordance with the standard	EN 60068-2-6
Frequency	5,0 - 55,0 Hz
Acceleration	1g
Shock stress	
In accordance with the standard	EN 60068-2-27
Acceleration	15g
Duration	11 ms
Max. operating height above sea level	2000 m

Environmental data		772121
Airgap creepage		
In accordance with the standard		EN 61131-2
Overvoltage category		II
Pollution degree		2
Rated insulation voltage		30 V
Protection type		
In accordance with the standard		EN 60529
Mounting area (e.g. control cabinet)		IP54
Housing		IP20
Terminals		IP20
Potential isolation		772121
Potential isolation between		Module and system voltage
Type of potential isolation		Protective separation
Rated surge voltage		2500 V
Mechanical data		772121
Mounting position		Horizontal on top hat rail
DIN rail		
Top hat rail		35 x 7,5 EN 50022
Recess width		27 mm
Max. cable length unshielded		30 m
Max. cable length shielded		100 m
Material		
Bottom		PC
Front		PC
Top		PC
Conductor cross section with screw terminals		
1 core flexible		0,25 - 2,50 mm², 24 - 12 AWG
2 core with the same cross section, flexible without crimp connectors or with TWIN crimp connectors		0,20 - 1,50 mm², 24 - 16 AWG
Rigid single-core, flexible multi-core or multi-core with crimp connector		0,5 - 1,5 mm²
Torque setting with screw terminals		0,50 Nm
Connection type		Spring-loaded terminal, screw terminal
Mounting type		plug-in
Conductor cross section with spring-loaded terminals:		
Flexible with/without crimp connector		0,20 - 2,50 mm², 24 - 12 AWG
Spring-loaded terminals: Terminal points per connection		2
Stripping length		9 mm
Dimensions		
Height		101,4 mm
Width		22,5 mm
Depth		120,0 mm
Weight		96 g

The standards current on 2013-01 apply.