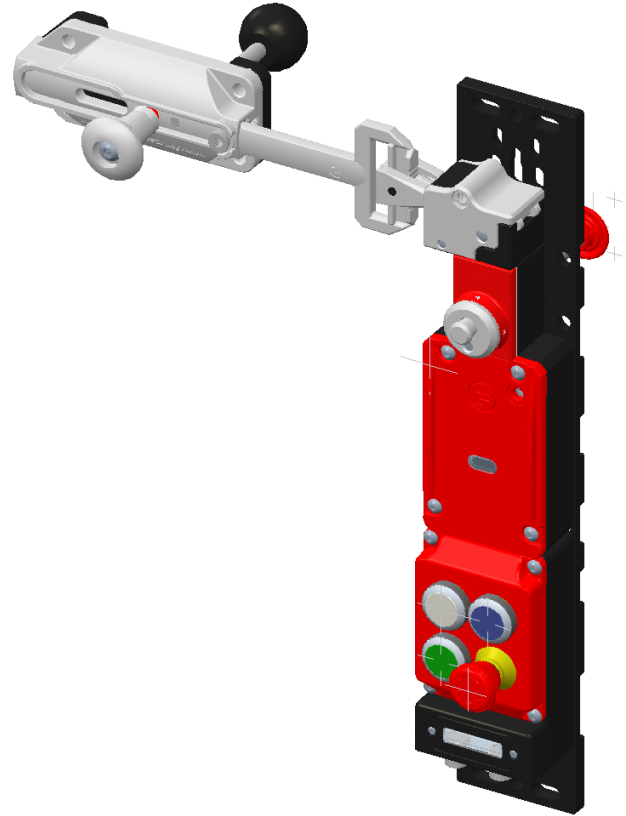
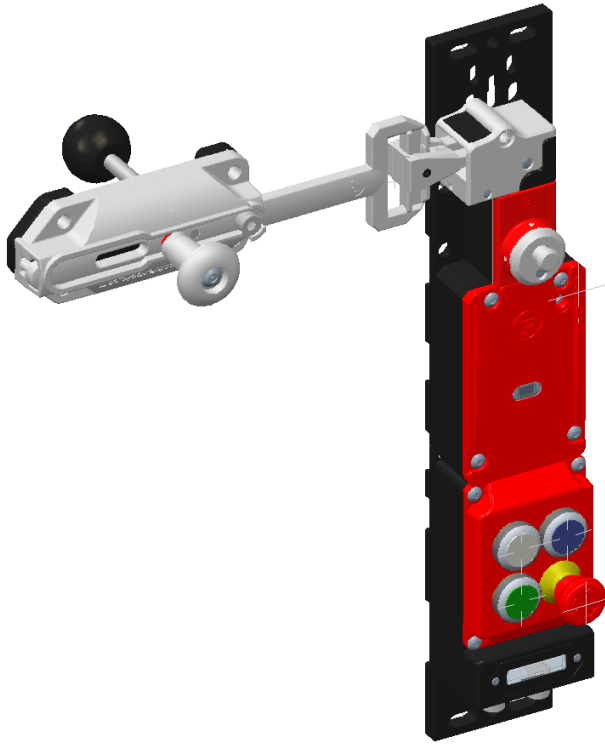


Datasheet for TI2T6RXSRP11NDP7P6P3ETNPF09MPB93MPB41



Breakdown List

Item number: ITM-00538107	
Module	Description
TI2	Slidebar with Internal handle but no return spring with Left Hand
T6	AT Head with No Lockout
RX	Front Reset no key (up to 60mm panel thickness)
SRP11	Short LOK body (Releasing), proNet Connection, PTU Key Override, Std & Sourcing
NDP7P6P3ETN	proNet Pod mounted below a proLOK or proLOK + unit or proStop unit for PROFINET (CON) Top Left - White illuminated pushbutton non-latching Top Right - Blue illuminated pushbutton non-latching Bottom Left - Green illuminated pushbutton non-latching Bottom Right - E-Stop (twist reset) No additional non-contact sensor
PF09	4 M12 QD set - 1 Power 1 External Safety Switch 2 Data
MPB93	Actuator Plate for proSlidebar

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MPB41	470mm Black Mounting Plate
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Technical Specification

amGardpro is the ultimate range of safety gate switches, from Fortress Interlocks. The range has a unique modular construction which allows easy configuration and provides total electro-mechanical solutions for practically any safeguarding application up to SIL3 (EN/IEC 60261) Category 4 and PLe (EN/ISO 13849-1), as approved by independent test house TUV.

Technical Specification

Performance Level	TI2	PLe
	T6	
	RX	
	SRP11	
Category / Performance Level	NDP7P6P3ETN	Cat 4 / PLe
Diagnostic Coverage	SRP11	A maximum DC of 99% can be achieved with suitable monitoring
Materials	MPB93	Painted Die Cast Aluminium
	MPB41	
Housing Materials	T6	Zinc Alloy to BSEN12844 Stainless Steel to BS3146
	RX	Die-cast Zinc Alloy
	SRP11	Zinc Alloy to BSEN12844
	NDP7P6P3ETN	Zinc Alloy to BS1004A
Colour	TI2	Stainless Steel
	T6	Black and Stainless Steel
	MPB93	Black
	MPB41	
Internal Materials	RX	All Stainless Steel
Paint Finishes	T6	30% Gloss powder coat on passivated zinc alloy
	SRP11	Gloss Powder Coat on Passivated Base Material
	NDP7P6P3ETN	Gloss Powder Coat on Passivated bodies
Paint Body	RX	Black
Paint Lid	RX	Red
Paint Lock Front	RX	Stainless Steel
Ambient Temperature	-5°C to 40°C (23°F to 104°F)	
Ingress Protection	TI2	IP65
	T6	

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	RX	
	SRP11	
	NDP7P6P3ETN	
	MPB93	
	MPB41	
Environment	TI2	Indoor & Outdoor
	T6	
	RX	
	SRP11	
	MPB93	Indoor
	MPB41	
Retention Force	TI2	10,000N(locked)
	T6	
	MPB93	10,000N
	MPB41	
Mechanical Life	TI2	1,000,000 Operating Cycles
	RX	
	T6	1,000,000 Switching Cycles
	SRP11	
Actuator Contact	SRP11	2NC 1NO
Solenoid Contacts	SRP11	2NC 1NO
Safety Circuit Switching Principal	SRP11	Positive Break
Solenoid Rating (Duty Cycle)	SRP11	100%
Maximum Switch Current	SRP11	3A
Minimum Switch Current	SRP11	1mA at 5VDC
Control Voltage	SRP11	24V ac/dc, 110V ac, 230V ac
Solenoid Voltage	SRP11	24V ac/dc, 110V ac, 230V ac
Solenoid Voltage Tolerance	SRP11	90% to 110% of nominal
Switches Conformance	SRP11	DIN VDE 0060 Part 206 & IEC 947-5-1
Cable Size	SRP11	28 - 24 AWG

Datasheet for TI2T6RXSRP11NDP7P6P3ETNPF09MPB93MPB41

B10d	TI2	5,000,000
	T6	
	RX	
	SRP11	
λ d	SRP11	10%
DC	SRP11	Position Monitoring
Supply Voltage	NDP7P6P3ETN	24V DC +/- 10%
Supply Current	NDP7P6P3ETN	≤750mA
MTTFd	NDP7P6P3ETN	MTTFd > 100y PFH=2.44 E-9
DC avg	NDP7P6P3ETN	High

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Full Dimensional Drawing

