



More information

Type		3RA27 11	
General data			
Suitable for IO-Link masters acc. to Spec.		1.0	
Permissible ambient temperature			
• During operation	Acc. to EN 60947-1	°C	-25 ... +60
• During storage	Acc. to EN 60721-3-1	°C	-40 ... +80
• During transport	Acc. to EN 60721-3-2	°C	-40 ... +80
Degree of protection		IP20	
Operational voltage			
• U_{FH} 24 V DC		V	24 +- 20 %
Power consumption, max.			
• U_{FH}		A	2
Max. length of the cables for the input Y1–Y2	Acc. to EN 50295	m	30
EMC interference immunity			
• Electrostatic discharge	Acc. to EN 61000-4-2	kV	6/8
• Field-related interference	Acc. to EN 61000-4-3	V/m	10 (80 MHz ... 3 GHz)
• Burst	Acc. to EN 61000-4-4	kV	2/1
• Conductor-related interference	Acc. to EN 61000-4-5	kV	0.5/1
• High-frequency, asymmetric	Acc. to EN 61000-4-6	V rms	10 (150 kHz ... 80 MHz)
Conductor cross-sections			
Connection type		 Screw terminals	
• Solid	mm ²	1 x (0.5 ... 4), 2 x (0.5 ... 2.5)	
• Finely stranded with end sleeve	mm ²	1 x (0.5 ... 2.5), 2 x (0.5 ... 1.5)	
• AWG cables	AWG	2 x (20 ... 14)	
• Terminal screws		M3 (for standard screwdriver Ø 6 mm or Pozidriv 2)	
• Tightening torque of the terminal screws	Nm	0.8 ... 1.2	
Connection type		 Spring-type terminals	
• Operating devices	mm	3.0 x 0.5	
• Solid	mm ²	2 x (0.25 ... 1.5)	
• Finely stranded with end sleeve	mm ²	2 x (0.25 ... 1.5)	
• Finely stranded	mm ²	2 x (0.25 ... 1.5)	
• AWG cables	AWG	2 x (24 ... 16)	