

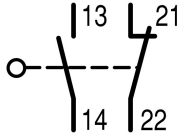


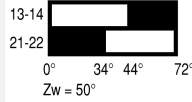
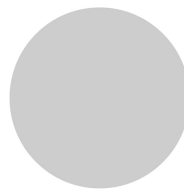


Position switch, 1N/O+1N/C, wide, IP65_x, roller lever



Part no. AT4/11-1/IA/R316
Article no. 026601
Catalog No. -

Delivery program

Basic function			Position switches Safety position switches
Part group reference			AT4
Product range			Rotary lever
Degree of Protection			IP65
Features			Complete unit
Ambient temperature		°C	-25 - +70
Design			EN 50041 Form A
Approval			totally insulated
Contacts			
N/O = Normally open			1 N/O
N/C = Normally closed			1 NC 
Notes			 = safety function, by positive opening to IEC/EN 60947-5-1
Contact sequence			
Contact travel  = Contact closed  = Contact open			
Positive opening (ZW)			yes
Colour			
Enclosure covers			Grey
Enclosure covers			
Housing			Insulated material
Connection type			Screw terminal
Notes The operating head can be rotated at 90° intervals to adapt to the specified approach direction. For degree of protection IP65, use V-M20 (206910) cable glands with connecting thread of max. 9 mm length.			

Technical data



General			
Standards			IEC/EN 60947
Climatic proofing			Damp heat, constant, to IEC 60068-2-78; damp heat, cyclical, to IEC 60068-2-30
Ambient temperature		°C	-25 - +70
Mounting position			As required
Degree of Protection			IP65
Terminal capacities		mm ²	

Solid		mm ²	1 x (0.75 - 2.5) 2 x (0.75 - 1.5)
Flexible with ferrule		mm ²	1 x (0.5 - 1.5) 2 x (0.5 - 1.5)

Contacts/switching capacity

Rated impulse withstand voltage	U _{imp}	V AC	6000
Rated insulation voltage	U _i	V	500
Overvoltage category/pollution degree			III/3
Rated operational current	I _e	A	
AC-15			
24 V	I _e	A	10
220 V 230 V 240 V	I _e	A	6
380 V 400 V 415 V	I _e	A	4
DC-13			
24 V	I _e	A	10
110 V	I _e	A	1
220 V	I _e	A	0.5
Supply frequency		Hz	max. 400
Short-circuit rating to IEC/EN 60947-5-1			
max. fuse		A gG/gL	6
Repetition accuracy		mm	0.02

Mechanical variables

Lifespan, mechanical	Operations	x 10 ⁶	8
Contact temperature of roller head		°C	 100
Mechanical shock resistance (half-sinusoidal shock, 20 ms)			
Standard-action contact		g	5
Snap-action contact		g	2
Operating frequency	Operations/h		 6000

Actuation

Mechanical			
Actuating force at beginning/end of stroke		N	8.0/20.0
Actuating torque of rotary drives		Nm	0.3

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70

Technical data ETIM 6.0

Sensors (EG000026) / End switch (EC000030)			
Electric engineering, automation, process control engineering / Binary sensor technology, safety-related sensor technology / Position switch / Position switch (Type 1) (ecl@ss8.1-27-27-06-01 [AGZ382012])			
Width sensor		mm	56
Diameter sensor		mm	0
Height of sensor		mm	83
Length of sensor		mm	0
Rated operation current I _e at AC-15, 24 V		A	6
Rated operation current I _e at AC-15, 125 V		A	0
Rated operation current I _e at AC-15, 230 V		A	6
Rated operation current I _e at DC-13, 24 V		A	10
Rated operation current I _e at DC-13, 125 V		A	1
Rated operation current I _e at DC-13, 230 V		A	0.6
Switching function			Slow-action switch
Output electronic			No
Forced opening			Yes

Number of safety auxiliary contacts			1
Number of contacts as normally closed contact			1
Number of contacts as normally open contact			1
Number of contacts as change-over contact			0
Type of interface			None
Type of interface for safety communication			None
Housing according to norm			-
Construction type housing			Cuboid
Material housing			Plastic
Coating housing			-
Type of control element			Square roller lever
Alignment of the control element			-
Type of electric connection			-
With status indication			No
Suitable for safety functions			Yes
Explosion safety category for gas			None
Explosion safety category for dust			None
Ambient temperature during operating		°C	-25 - 70
Degree of protection (IP)			IP65