



Switch mechanism, 1N/0+1N/C, snap-action contacts, for ATB



Powering Business Worldwide™

Part no. ATB11-S
Article no. 074060
Catalog No. ATB11-S

Delivery programme

Basic function			Components
Part group reference			AT4
Product range			Switch mechanisms
Description			For fitting into insulated housings I...-AT4
For use with			I-AT4 IA-AT4
Snap-action contact			Yes
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

General

Standards			IEC/EN 60947
Climatic proofing			Damp heat, constant, to IEC 60068-2-78; damp heat, cyclical, to IEC 60068-2-30
Mounting position			As required
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
Overtoltage 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	3
110 V	I _e	A	0.8
220 V	I _e	A	0.4
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

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

Actuation

Mechanical			
Actuating torque of rotary drives		Nm	0.3

Technical data ETIM 5.0

Sensors (EG000026) / Accessories for position switches (EC002594)			
Electric engineering, automation, process control engineering / Binary sensor technology, safety-related sensor technology / Binary sensor technology, safety-related sensor technology (accessories) / Position switch (accessories) (ecl@ss8-27-27-92-25 [ACN884007])			
Model			Switch element

Additional product information (links)

IL05208012Z (AWA1310-0544) Position switch	
IL05208012Z (AWA1310-0544) Position switch	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05208012Z2011_06.pdf