





Switch mechanism, 2N/O+1N/C, for ATB

Part no. **ATB21-3**
 Catalog No. **076433**
 Eaton Catalog No. **-**

Delivery program

Basic function		Components
Part group reference		AT4
Product range		Switch mechanisms
Description		For flush mounting in insulated enclosure
For use with		IB-AT4
Contacts		
N/O = Normally open		2 N/O
N/C = Normally closed		1 NC 
Notes		 = safety function, by positive opening to IEC/EN 60947-5-1
Positive opening (ZW)		yes

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
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
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	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	≤ 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 torque of rotary drives	Nm	0.3

Design verification as per IEC/EN 61439

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

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@ss8-27-92-25 [ACN884007])		
Model		Switch element