

**DATASHEET - ATB11-1**



**Switch mechanism, 1 N/O, 1 NC, For flush mounting in insulated enclosure, I-AT4, IA-AT4, 2,3 mm**

**Part no.** ATB11-1  
**Catalog No.** 069314  
**Alternate Catalog No.** ATB11-1  
**EL-Nummer (Norway)** 4355970

**Delivery program**

Basic function		Components
Part group reference		AT4
Product range		Switch mechanisms
Description		For flush mounting in insulated enclosure
For use with		I-AT4 IA-AT4
<b>Contacts</b>		
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 <input checked="" type="checkbox"/> = Contact closed <input type="checkbox"/> = Contact open		
Positive opening (ZW)		yes

**Design verification as per IEC/EN 61439**

Technical data for design verification				
Rated operational current for specified heat dissipation	$I_n$	A		6
Heat dissipation per pole, current-dependent	$P_{vid}$	W		0.1
Equipment heat dissipation, current-dependent	$P_{vid}$	W		0
Static heat dissipation, non-current-dependent	$P_{vs}$	W		0
Heat dissipation capacity	$P_{diss}$	W		0
Operating ambient temperature min.		°C		-25
Operating ambient temperature max.		°C		70
IEC/EN 61439 design verification				
10.2 Strength of materials and parts				
10.2.2 Corrosion resistance				
10.2.2.1 Verification of thermal stability of enclosures				
10.2.2.2 Verification of resistance of insulating materials to normal heat				
10.2.2.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects				
10.2.4 Resistance to ultra-violet (UV) radiation				
10.2.5 Lifting				
10.2.6 Mechanical impact				
10.2.7 Inscriptions				
10.3 Degree of protection of ASSEMBLIES				
10.4 Clearances and creepage distances				
10.5 Protection against electric shock				
10.6 Incorporation of switching devices and components				

10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## Technical data ETIM 7.0

Sensors (EG000026) / Accessories for position switches (EC002594)			
Electric engineering, automation, process control engineering / Binary sensor technology, safety-related sensor technology / Position switch / Position switch (accessories) (ecI@ss10.0.1-27-27-06-92 [AFR520003])			
Type of accessory			Switch element



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