

Roller lever, for AT4, large packaging

Powering Business Worldwide™

Part no. **AR-AT4-GVP** Article no. 080323 Catalog No. **AR-AT4-GVP**

Delivery program

Basic function	Operating heads				
Part group reference	AT4				
Product range	Roller lever				
Description	For completing insulated enclosure I-AT4				
For use with I-AT4 IA-AT4					
Notes The operating head can be rotated at 90° intervals to adapt to the specified approach direction.					

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)

V AC

6000

 $\mathsf{U}_{\mathsf{imp}}$

Contacts/switching capacity Rated impulse withstand voltage

Rated insulation voltage	Ui	V	500
Overvoltage category/pollution degree			III/3
Rated operational current	I _e	Α	
AC-15			
24 V	I _e	Α	10
220 V 230 V 240 V	I _e	Α	6
380 V 400 V 415 V	I _e	Α	4
DC-13			
24 V	I _e	Α	3
110 V	I _e	Α	0.8
220 V	I _e	Α	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			

Mechanical variables

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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			
Rated operational current for specified heat dissipation	In	Α	0
Heat dissipation per pole, current-dependent	P _{vid}	W	0

Equipment heat dissipation, current-dependent Pvid W 0 Static heat dissipation, non-current-dependent Pvis W 0 Heat dissipation capacity Pdiss 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 10.2.3.1 Verification of thermal stability of enclosures 10.2.3.2 Verification of resistance of insulating materials to normal 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 Protection against electric shock 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Power-frequency electric strength 10.9 Insulation properties 10.9 Power-frequency electric strength 10.9 Insulation properties 10.9 Power-frequency electric strength 10.9 Insulation properties 10.9 Insulation properties 10.9 Insulation properties 10.9 Insulation properties 10.9 Power-frequency electric strength 10.9 Insulation properties 10.9 Insulation properties				
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Operating ambient temperature min. Operating ambient temperature max. © C 70 IEC/EN 61439 design verification 10.2 Strength of materials and parts 10.2.2 Corrosion resistance 10.2.3.1 Verification of thermal stability of enclosures 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 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 10.3 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 10.8 Connections for external conductors 10.9 Insulation properties 10.9 Power-frequency electric strength Is the panel builder's responsibility.	Static heat dissipation, non-current-dependent	P_{vs}	W	0
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	10.9 Insulation properties			
10.9.3 Impulse withstand voltage Is the panel builder's responsibility.	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.	10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise Not applicable.	10.10 Temperature rise			Not applicable.
10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must observed.	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 observed.	10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switch gear must be observed. $\label{eq:constraint}$
10.13 Mechanical function The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.	10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 6.0

Sensors (EG000026) / Drive head for position switches/hinge switches (EC001483)

Electric engineering, automation, process control engineering / Binary sensor technology, safety-related sensor technology / Position switch / Drive head for position switches (ecl@ss8.1-27-27-06-04 [BAA083009])

Type of control element Roller lever