



NARROW ENCLOSURE AT4/..I/..



Powering Business Worldwide™

Part no. AT4/11-3/I/AR

Article no. 036982

Delivery programme

Contact sequence			
Contact diagram			
Auxiliary contacts: = safety function, by positive opening to IEC/EN 60947-5-1			
N/O = Normally open			1 N/O
N/C = Normally closed			1 N/C
Note for table header			
Contact sequence			
■ = Contact closed			
□ = Contact open			
Zw = Positive opening sequence			
Notes			
The operating heads can be rotated in 90° stages to match the specified direction of operation.			
For degree of protection IP65, use V-M20 cable glands with connecting thread of up to 9 mm length			
Accessories V-M20 cable gland		Page → 206910	

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
Protection type			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
230 V/240 V	I _e	A	6
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

Lifespan		S	
Standard-action contact	Operations	x 10 ⁶	8
Snap-action contact	Operations	x 10 ⁶	3
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			
S/R		N	8.0/20.0
AR		N	3.0/9.0
Actuating torque of rotary drives		Nm	0.3
Max. operating speed with DIN cam			
R for angle of actuation	α = 30°	m/s	1.8
V for angle of actuation	α = 30°, L = 125 mm	m/s	1.4
H for	L = 130 mm	m/s	1.4
AR for angle of actuation	α = 30°/45°	m/s	1.5/1
S/RS for angle of actuation	α = 0°/30°	m/s	0.5/0.5

Technical data ETIM 4.0

Switch function			Standard-action contact
Material housing			Insulated material
Suitable for safety functions			YES
Coating of housing			-

With status indication			No
Degree of protection (IP)			IP65
Positive opening			YES
Type of control element			Angled roller lever
Width sensor		mm	40
Height of sensor		mm	83
Number of contacts as normally closed contact			1
Number of contacts as normally open contact			1
Number of contacts as change-over contact			0

Additional product information (links)

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