Thermal (T- and TA-Line) www.schurter.com /PG17_20

Circuit Breaker for Equipment thermal, 2 pole, Rocker actuation





Applications

())

Description

- Thermal circuit breaker
- 1 or 2 pole thermal overload protection
- Positively trip-free release
- High configurability
- Rocker non-illuminated or illuminated
- Snap-in version
- Quick connect terminal 6.3 x 0.8 mm or screw clamp terminal M3.5 x 6 mm (lineside P1, P2)

Approvals

- Approval Reference Type: TA45
- IEC Standard: IEC 60934
- UL Standard: UL 1077
- CSA Standard: CSA C22.2 No. 235
- GB Standard: GB 17701

Technical Data

-	Fower tools
-	Industrial appliances
-	Power supplies

Weblinks

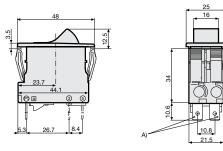
pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, REACH, Distributor-Stock-Check, Detailed request for product, Product News

Rated Voltage AC	240 V
Rated Voltage DC	60 V
Rated current range AC	0.05 - 20 A
Conditional short circuit ca-	IEC: Inc, PC1, AC 240 V: 1 kA
pacity	
Degree of Protection	from front side IP 40 acc. to IEC 60529
Dielectric Strength	4 kVAC
Insulation resistance	$500 \text{ VDC} > 100 \text{ M}\Omega$
Endurance typical	mechanical: 50'000 switching cycles
	AC: 1 x lr:
	50'000 switching cycles
	DC: 1 x lr:
	50'000 switching cycles

Overload	AC: min. 40 trips @ 6 x lr
	DC: min. 40 trips
	@ 4 x lr
Ambient temperature	-10 °C to 55 °C
Vibration Resistance	± 0.75 mm @ 5 - 60 Hz
	acc. to IEC 60068-2-6, test Fc
	10 G @ 60 - 500 Hz
	acc. to IEC 60068-2-6, test Fc
Shock Resistance	30 G / 18ms
	acc. to IEC 60068-2-27, test Ea
Tripping Type	Thermal
Actuation type	Rocker
Weight	30 - 35 g

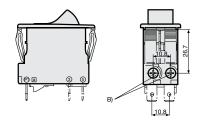
Dimension

Quick connect terminal



A) Quick connect terminal, IEC 61210, A6.3-0.8 mm

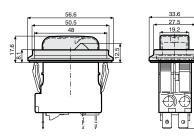
Screw clamp terminal



B) Screw type M3, 5x6 (Philips Form H), maximum torque 1 Nm

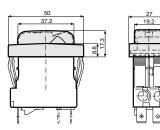
Accessories / factory mounted

AZM01 / Collar with cover, IP54

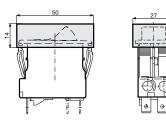


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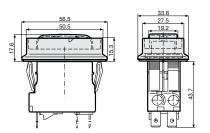
AZM10 / Collar with cover, narrow, IP54



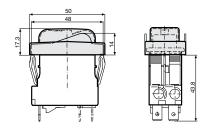
AZM13 / Raised collar narrow, IP40



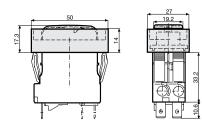
AZM02 / Raised collar with cover, narrow, IP54 AZM03 / Raised collar, IP40



AZM11 / Partially raised collar with cover, narrow, IP54 AZM12 / Partially raised collar without cover, narrow, IP40

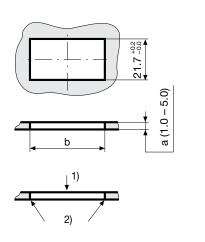


AZM14 / Raised collar with cover narrow, IP54

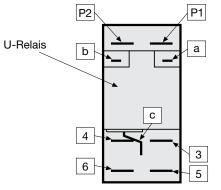


Cut-out and pin-out Cut-out snap-in type

Pin-out



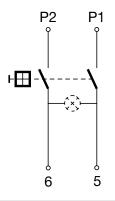
а	b
1.0	44,545,0
1.5 2.0	44,545,0 44,745,2
2.5	44,745,2
3.0	44,845,3
4.0	44,945,4
5.0	45,045,5



1) Assemble 2) edge must be sharp

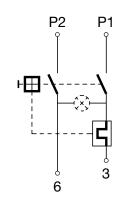
Diagrams

Without thermal overload protection





2 pole thermal overload protection

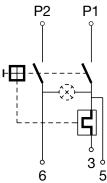


P2

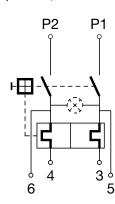
P1

3

1 pole thermal overload protection, Shunt terminal



2 pole thermal overload protection, Shunt terminal



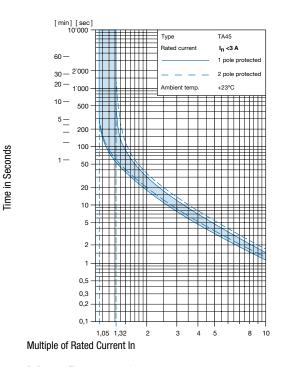
Effect of ambient temperature

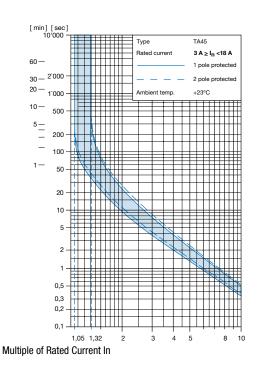
The units are calibrated for an ambient temperature of +23°C. To determine the rated current for a lower or higher ambient temperature, use a correction factor (typical value) from the table below:

Ambient temperature [°C]	Correction factor	
-10	0.89	
-5	0.91	
0	0.92	
+23	1.00	
+30	1.03	
+40	1.08	
+55	1.16	

Example: Rated current = 5 A; Environmental temperature = 40 °C; --> Correction factor = 1.08; Resulting current = 5.5 A --> Fount to next higher rated current: 6 A

Time-Current-Curves

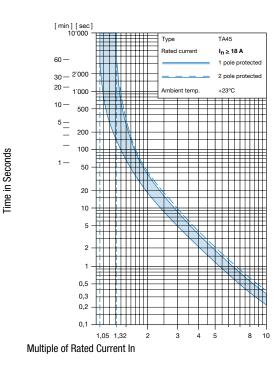




Reference Temperature +23°

Reference Temperature +23°

Time in Seconds



Reference Temperature +23°

Config. Code

TA45 - AK2 W F 120 A2 - AZM11

The characters are placeholders for the correspondingly keys of selections from the key tables.

TA45 - AK2 W F 120 A2 - AZM11 = Basic function

Basic function	Configuration key
2-pole, rocker, flat connection, illuminated 220 V240 V	A02
2-pole, rocker, flat connection, illuminated 110 V120 V	A04
2-pole, rocker, flat connection, illuminated 220 V26 V	A07
2-pole, rocker, flat connection, illuminated 10 V13 V	A08
2-pole, rocker, flat connection, illuminated 4 V7 V	A09
2-pole, rocker, 1pole overload protection, flat connection, illuminated 220 V240 V $$	A12
2-pole, rocker, 1pole overload protection, flat connection, illuminated 110 V120 V $\!\!\!$	A14
2-pole, rocker, 1pole overload protection, flat connection, illuminated 20 V26 V $$	A17
2-pole, rocker, 1pole overload protection, flat connection, illuminated 10 V13 V $$	A18
2-pole, rocker, 1pole overload protection, flat connection, illuminated 4 V7 V $$	A19
2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, illuminated 220 V240 V $$	A22
2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, illuminated 110 V120 V $$	A24
2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, illuminated 20 V26 V $$	A27
2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, illuminated 10 V13 V $$	A28
2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, illuminated 4 $V7$ V	A29
2-pole, rocker, 2pole overload protection, flat connection, illuminated 220 V240 V	A32
2-pole, rocker, 2pole overload protection, flat connection, illuminated 110 V120 V	A34
2-pole, rocker, 2pole overload protection, flat connection, illuminated 20 V26 V	A37
2-pole, rocker, 2pole overload protection, flat connection, illuminated 10 V13 V $$	A38
2-pole, rocker, 2pole overload protection, flat connection, illuminated 4 V7 V $$	A39
2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, illuminated 220 V240 V $$	A42
2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, illuminated 110 V120 V $$	A44
2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, illuminated 20 V26 V $$	A47
2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, illuminated 10 V13 V $$	A48
2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, illuminated 4 $\text{V}7$ V	A49
2-pole, rocker, screw connection, illuminated 220 V240 V	A52
2-pole, rocker, screw connection, illuminated 110 V120 V	A54
2-pole, rocker, screw connection, illuminated 20 V26 V	A57
2-pole, rocker, screw connection, illuminated 10 V13 V	A58
2-pole, rocker, screw connection, illuminated 4 V7 V	A59
2-pole, rocker, 1pole overload protection, screw connection, illuminated 220 V240 V	A62
2-pole, rocker, 1pole overload protection, screw connection, illuminated 110 V120 V	A64
2-pole, rocker, 1pole overload protection, screw connection, illuminated 20 V26 V $$	A67
2-pole, rocker, 1pole overload protection, screw connection, illuminated 10 V13 V	A68
2-pole, rocker, 1pole overload protection, screw connection, illuminated 4 $\ensuremath{V7}\xspace$ V	A69
2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, illuminated 220 V240 V	A72
2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, illuminated 110 V120 V	A74
2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, illuminated 20 V26 V $$	A77

2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, A78 2-pole, rocker, 2pole overload protection, screw connection, illuminated 407V A82 2-pole, rocker, 2pole overload protection, screw connection, illuminated 407V A84 10120V A84 2-pole, rocker, 2pole overload protection, screw connection, illuminated A84 10120V A87 2-pole, rocker, 2pole overload protection, screw connection, illuminated A84 1013V A87 2-pole, rocker, 2pole overload protection, screw connection, illuminated A88 V7V A89 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A92 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A97 illuminated 407V 2-pole, rocker, 2pole overload protection, shunt terminal, fat connection, A95 -pole, rocker, 2pole overload protection, shunt terminal, fat connection, A97	Basic function	Configuration key
illuminated 4 V7 V 2-pole, rocker, 2pole overload protection, screw connection, illuminated A82 2-pole, rocker, 2pole overload protection, screw connection, illuminated A84 10 V120 V A87 2-pole, rocker, 2pole overload protection, screw connection, illuminated A87 2-pole, rocker, 2pole overload protection, screw connection, illuminated A88 10 V13 V A88 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A92 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A97 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A98 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A97 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A97 2-pole, rocker, 2pole overload protection, shunt terminal, fat connection, A86 2-pole, rocker, 2pole overload protection, shunt terminal, fat connection, A87 2-pole, rocker, 1pole overload		A78
220V240V 2-pole, rocker, 2pole overload protection, screw connection, illuminated A84 10V120V A87 2-pole, rocker, 2pole overload protection, screw connection, illuminated A87 2-pole, rocker, 2pole overload protection, screw connection, illuminated A88 10V13V A89 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 220W240V A89 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 10W120V A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 10W120V A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 10W13V A96 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 10W13V A96 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, without illumination A86 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, without illumination A86 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, without illumination A86 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, without illumination A86 2-pole, rocker, 1pole overload protection, flat connection, momentary switch, without illumination		A79
110 V120 V 2-pole, rocker, 2pole overload protection, screw connection, illuminated A87 20 V26 V 2-pole, rocker, 2pole overload protection, screw connection, illuminated A88 10 V13 V A99 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 10 V13 V A92 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 20 V26 V A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 10 V13 V A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 20 V26 V A97 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 20 V30 V A99 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 4 V7 V A99 2-pole, rocker, 1at connection, without illumination ABC 2-pole, rocker, 1at connection, without illumination ABC 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, AB7 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, AB7 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, AB7 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, AE7		A82
20.V26 V 2-pole, rocker, 2pole overload protection, screw connection, illuminated A88 10.V13 V 2-pole, rocker, 2pole overload protection, screw connection, illuminated 4 A89 V7 V 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 220 V240 V A92 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 110 V120 V A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 10 V13 V A97 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 10 V13 V A98 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 4 V7 V A98 2-pole, rocker, 1pole overload protection, flat connection, without illumi- nation ABC 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, without illumi- nation ABF 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, without illumi- nation ABC 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, ABG ABF without illumination AEC 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, AEG ABD 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, AEG AED <tr< td=""><td></td><td>A84</td></tr<>		A84
10 V13 V 2-pole, rocker, 2pole overload protection, screw connection, illuminated 4 A89 V7 V A90 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 20 V240 V A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 10 V120 V A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 10 V13 V A97 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 10 V13 V A98 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, illuminated 10 V13 V A98 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, without illumination ABC 2-pole, rocker, 2pole overload protection, flat connection, without illumination ABC 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, without illumination ACC 2-pole, rocker, 1pole overload protection, flat connection, without illumination ACC 2-pole, rocker, 1pole overload protection, flat connection, momentary switch, without illumination ACC 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, momentary switch, without illumination ACC 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, momentary switch, without illumination		A87
V7 V 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A92 illuminated 220 V240 V A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A94 illuminated 110 V120 V A97 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A97 illuminated 10 V120 V A98 illuminated 20 V260 V A94 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A97 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A99 illuminated 4 V7 V A99 2-pole, rocker, 1pole overload protection, flat connection, without illumination ABC 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, ABF without illumination AEC 2-pole, rocker, 1pole overload protection, flat connection, without illumi- ABT 2-pole, rocker, 1pole overload protection, flat connection, without illumination AEC 2-pole, rocker, 1pole overload protection, flat connection, momentary switch, without illumination AEC 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, momentary switch, without illumination AEC 2-pole, rocker, 2p		A88
illuminated 220 V240 V 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A94 illuminated 110 V120 V A97 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A98 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A98 illuminated 10 V13 V A98 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A98 2-pole, rocker, 2pole overload protection, flat connection, without illumi- A90 11luminated 4 V7 V Spole, rocker, 1pole overload protection, flat connection, without illumi- ABD 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, ABF 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, ABG 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, ABG 2-pole, rocker, 1pole overload protection, flat connection, without illumination AEC 2-pole, rocker, 1pole overload protection, flat connection, momentary AED 2-pole, rocker, 1pole overload protection, flat connection, momentary AEC 2-pole, rocker, 2pole overload protection, flat connection, without illumination AEC 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection,		A89
illuminated 110 V120 V 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A97 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A98 illuminated 10 V13 V A98 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A99 illuminated 10 V13 V A97 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A99 2-pole, rocker, 2pole overload protection, flat connection, without illumination ABC 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, ABF without illumination ABF 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, ABG 2-pole, rocker, 1pole overload protection, flat connection, without illumination AEC 2-pole, rocker, 2pole overload protection, flat connection, momentary AED switch, without illumination AEC 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, AEG momentary switch, without illumination AEC 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, AEG pole, rocker, 2pole overload protection, shunt terminal, flat connection,		A92
illuminated 20 V 26 V 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A98 :lluminated 10 V 13 V A99 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A99 :lluminated 4 V 7 V ABD 2-pole, rocker, 2pole overload protection, flat connection, without illumination ABC 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, ABF without illumination ABG 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, ABF 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, ABG without illumination AEC 2-pole, rocker, 1pole overload protection, flat connection, without illumination AEC 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, AED 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, AEC 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, AEC 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, AEC 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, AEC 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, AEC <td></td> <td>A94</td>		A94
illuminated 10 V 13 V A99 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, A99 2-pole, rocker, 2pole overload protection, flat connection, without illumination ABC 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, without illumination ABD 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, ABF without illumination ABG 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, ABG 2-pole, rocker, 2pole overload protection, flat connection, without illumination AEC 2-pole, rocker, 1pole overload protection, flat connection, momentary AED 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, AEF 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, AEF 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, AEF 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, AEF 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, AEF 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, AHC 2-pole, rocker, 2pole overload protection, screw connection, without illumination AHC		A97
illuminated 4 V7 V 2-pole, rocker, flat connection, without illumination ABC 2-pole, rocker, 2pole overload protection, flat connection, without illumination ABD 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, without illumination ABF 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, without illumination ABF 2-pole, rocker, 1pole overload protection, flat connection, without illumination ABT 2-pole, rocker, 1pole overload protection, flat connection, without illumination AEC 2-pole, rocker, 1pole overload protection, flat connection, momentary ABT 2-pole, rocker, 1pole overload protection, flat connection, momentary AED switch, without illumination AEC 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, momentary AED switch, without illumination AEG 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, momentary AEG 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, without illumination AEG 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, without illumination AEG 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, without illumination AHC 2-pole, rock		A98
2-pole, rocker, 2pole overload protection, flat connection, without illumi- nationABD2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, without illuminationABF2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, without illuminationABG2-pole, rocker, 1pole overload protection, flat connection, without illumi- nationABG2-pole, rocker, 1pole overload protection, flat connection, without illumi- nationABT2-pole, rocker, 1pole overload protection, flat connection, momentary switch, without illuminationAEC2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, momentary switch, without illuminationAEF2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, momentary switch, without illuminationAEG2-pole, rocker, 1pole overload protection, flat connection, momentary switch, without illuminationAHC2-pole, rocker, 1pole overload protection, screw connection, without illu- 		A99
nation2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, without illuminationABF2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, without illuminationABG2-pole, rocker, 1pole overload protection, flat connection, without illumi- nationABT2-pole, rocker, 1pole overload protection, flat connection, without illumi- nationABT2-pole, rocker, 1pole overload protection, flat connection, momentary switch, without illuminationAEC2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, momentary switch, without illuminationAEF2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, momentary switch, without illuminationAEG2-pole, rocker, 1pole overload protection, flat connection, momentary switch, without illuminationAEG2-pole, rocker, 1pole overload protection, flat connection, momentary switch, without illuminationAHC2-pole, rocker, 2pole overload protection, screw connection, without illu- minationAHF2-pole, rocker, 1pole overload protection, screw connection, without illu- minationAHF2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, without illuminationAHF2-pole, rocker, 1pole overload protection, screw connection, without illuminationAJC2-pole, rocker, 1pole overload protection, screw connection, momentary without illuminationAJC2-pole, rocker, 2pole overload protection, screw connection, momentary without illuminationAJC2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illum	2-pole, rocker, flat connection, without illumination	ABC
without illuminationABG2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, without illuminationABG2-pole, rocker, 1pole overload protection, flat connection, without illuminationABT2-pole, rocker, flat connection, momentary switch, without illuminationAEC2-pole, rocker, 2pole overload protection, flat connection, momentary switch, without illuminationAED2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, momentary switch, without illuminationAEF2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, momentary switch, without illuminationAEG2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, momentary switch, without illuminationAEG2-pole, rocker, 1pole overload protection, flat connection, momentary switch, without illuminationAEG2-pole, rocker, 2pole overload protection, flat connection, momentary switch, without illuminationAEG2-pole, rocker, 2pole overload protection, screw connection, without illuminationAHC2-pole, rocker, 2pole overload protection, screw connection, without illuminationAHC2-pole, rocker, 1pole overload protection, screw connection, without illuminationAHG2-pole, rocker, 1pole overload protection, screw connection, without illuminationAJC2-pole, rocker, 1pole overload protection, screw connection, without illuminationAJC2-pole, rocker, 2pole overload protection, screw connection, without illuminationAJC2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illuminationAJC		ABD
without illumination2-pole, rocker, 1pole overload protection, flat connection, without illuminationABT2-pole, rocker, flat connection, momentary switch, without illuminationAEC2-pole, rocker, 2pole overload protection, flat connection, momentaryAEDswitch, without illuminationAEF2-pole, rocker, 1pole overload protection, shunt terminal, flat connection,AEFswitch, without illuminationAEG2-pole, rocker, 2pole overload protection, shunt terminal, flat connection,AEGmomentary switch, without illuminationAEG2-pole, rocker, 1pole overload protection, flat connection, momentaryAET2-pole, rocker, 2pole overload protection, flat connection, momentaryAET2-pole, rocker, 2pole overload protection, screw connection, without illuminationAHC2-pole, rocker, 2pole overload protection, screw connection, without illuminationAHC2-pole, rocker, 2pole overload protection, shunt terminal, screw connection,AHF2-pole, rocker, 1pole overload protection, screw connection, without illuminationAHC2-pole, rocker, 1pole overload protection, screw connection, without illuminationAHC2-pole, rocker, 2pole overload protection, screw connection, without illuminationAJC2-pole, rocker, 1pole overload protection, screw connection, without illuminationAJC2-pole, rocker, 2pole overload protection, screw connection, momentaryAJD2-pole, rocker, 2pole overload protection, screw connection, momentaryAJC2-pole, rocker, 2pole overload protection, screw connection, momentaryAJC2-pole, rocker, 2p		ABF
nationProcessing processing processing without information in the interval of the int		ABG
2-pole, rocker, 2pole overload protection, flat connection, momentary AED switch, without illumination AEF 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, momentary switch, without illumination AEF 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, momentary switch, without illumination AEG 2-pole, rocker, 1pole overload protection, flat connection, momentary switch, without illumination AET 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AHC 2-pole, rocker, 2pole overload protection, screw connection, without illumination AHC 2-pole, rocker, 2pole overload protection, screw connection, without illumination AHC 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, without illumination AHC 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, without illumination AHF 2-pole, rocker, 1pole overload protection, screw connection, without illumination AHG 2-pole, rocker, 2pole overload protection, screw connection, without illumination AJC 2-pole, rocker, 1pole overload protection, screw connection, without illumination AJC 2-pole, rocker, 1pole overload protection, screw connection, without illumination AJC 2-pole, rocker, 2pole overload protection, screw connecti		ABT
switch, without illumination AEF 2-pole, rocker, 1pole overload protection, shunt terminal, flat connection, momentary switch, without illumination AEG 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, momentary switch, without illumination AEG 2-pole, rocker, 1pole overload protection, flat connection, momentary switch, without illumination AET 2-pole, rocker, 1pole overload protection, flat connection, momentary AET switch, without illumination AHC 2-pole, rocker, screw connection, without illumination AHC 2-pole, rocker, 2pole overload protection, screw connection, without illumination AHC 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, without illumination AHF 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, without illumination AHF 2-pole, rocker, 1pole overload protection, screw connection, without illumination AHG 2-pole, rocker, 1pole overload protection, screw connection, without illumination AJC 2-pole, rocker, 2pole overload protection, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJC<	2-pole, rocker, flat connection, momentary switch, without illumination	AEC
momentary switch, without illumination AEG 2-pole, rocker, 2pole overload protection, shunt terminal, flat connection, momentary switch, without illumination AET 2-pole, rocker, 1pole overload protection, flat connection, momentary switch, without illumination AHT 2-pole, rocker, screw connection, without illumination AHC 2-pole, rocker, screw connection, screw connection, without illumination AHC 2-pole, rocker, 2pole overload protection, screw connection, without illumination AHC 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, without illumination AHF 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, without illumination AHF 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, without illumination AHG 2-pole, rocker, 1pole overload protection, screw connection, without illumination AJC 2-pole, rocker, screw connection, momentary switch, without illumination AJC 2-pole, rocker, screw connection, screw connection, momentary switch, without illumination AJF 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 1pole overload protection, shunt terminal, screw conne		AED
momentary switch, without illumination AET 2-pole, rocker, 1pole overload protection, flat connection, momentary AET switch, without illumination AHC 2-pole, rocker, screw connection, without illumination AHC 2-pole, rocker, 2pole overload protection, screw connection, without illumination AHC 2-pole, rocker, 1pole overload protection, screw connection, without illumination AHD 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, without illumination AHF 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, without illumination AHF 2-pole, rocker, 1pole overload protection, screw connection, without illumination AHG 2-pole, rocker, 1pole overload protection, screw connection, without illumination AJC 2-pole, rocker, 2pole overload protection, screw connection, momentary AJD 2-pole, rocker, 1pole overload protection, screw connection, momentary AJF 2-pole, rocker, 2pole overload protection, screw connection, momentary AJF 2-pole, rocker, 2pole overload protection, screw connection, momentary AJD 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, AJF Protection, shunt terminal, screw connection, AJF 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, AJG		AEF
switch, without illumination AHC 2-pole, rocker, screw connection, without illumination AHC 2-pole, rocker, 2pole overload protection, screw connection, without illumination AHD 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, without illumination AHF 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, without illumination AHF 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, without illumination AHG 2-pole, rocker, 1pole overload protection, screw connection, without illumination AHT 2-pole, rocker, 2pole overload protection, screw connection, without illumination AJC 2-pole, rocker, 2pole overload protection, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJF 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, AJF AJG 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, AJG AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without		AEG
2-pole, rocker, 2pole overload protection, screw connection, without illumination AHD 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, without illumination AHF 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, without illumination AHG 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, without illumination AHG 2-pole, rocker, 1pole overload protection, screw connection, without illumination AHT 2-pole, rocker, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 2pole overload protection, screw connection, momentary switch, without illumination AJD 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, AJF momentary switch, without illumination AJG 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, AJG momentary switch, without illumination AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary AJG		AET
mination 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, without illumination AHF 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, without illumination AHG 2-pole, rocker, 1pole overload protection, screw connection, without illumination AHG 2-pole, rocker, 1pole overload protection, screw connection, without illumination AHT 2-pole, rocker, 2pole overload protection, screw connection, without illumination AJC 2-pole, rocker, 2pole overload protection, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, AJF momentary switch, without illumination AJF 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, AJF AJG 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, AJF AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJG	2-pole, rocker, screw connection, without illumination	AHC
without illumination AHG 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, without illumination AHG 2-pole, rocker, 1pole overload protection, screw connection, without illumination AHT 2-pole, rocker, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 2pole overload protection, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 2pole overload protection, screw connection, momentary switch, without illumination AJD 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, momentary switch, without illumination AJF 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, momentary switch, without illumination AJF 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, AJG AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJG		AHD
without illumination AHT 2-pole, rocker, 1pole overload protection, screw connection, without illumination AHT 2-pole, rocker, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 2pole overload protection, screw connection, momentary switch, without illumination AJD 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJF 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, momentary switch, without illumination AJF 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, momentary switch, without illumination AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary AJG		AHF
mination 2-pole, rocker, screw connection, momentary switch, without illumination AJC 2-pole, rocker, 2pole overload protection, screw connection, momentary AJD switch, without illumination AJC 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, momentary AJF 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, momentary switch, without illumination AJF 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, momentary switch, without illumination AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary AJT		AHG
2-pole, rocker, 2pole overload protection, screw connection, momentary switch, without illumination AJD 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, momentary switch, without illumination AJF 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, momentary switch, without illumination AJF 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, momentary switch, without illumination AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary AJT		AHT
switch, without illumination 2-pole, rocker, 1pole overload protection, shunt terminal, screw connection, momentary switch, without illumination AJF 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, momentary switch, without illumination AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary switch, without illumination AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary AJT	2-pole, rocker, screw connection, momentary switch, without illumination	AJC
momentary switch, without illumination 2-pole, rocker, 2pole overload protection, shunt terminal, screw connection, momentary switch, without illumination AJG 2-pole, rocker, 1pole overload protection, screw connection, momentary AJT		AJD
momentary switch, without illumination 2-pole, rocker, 1pole overload protection, screw connection, momentary AJT		AJF
		AJG
		AJT

TA45 - AK2 W F 120 A2 - AZM11 = Actuator colour

Actuator colour	Configuration key
Clear transparent	1

Configuration

200

Actuator colour	Configuration key
Red transparent	3
Green transparent	4
Orange transparent	6
Black	В
Green	G
Red	R
White	W
Orange	Х
Yellow	Y

TA45 - AK2 W **F** 120 A2 - AZM11 **= Legend**

Legend		Configuration key
embossed	- 0	F
white printed	OFF	Н
black printed	OFF	К
white printed	- 0	L
black printed	- 0	М
white printed	10	Р
black printed	10	R
white printed	ON OFF	S
black printed	OFF ON	т

nated current	key
1.2 A	J12
1.3 A	J13
1.4 A	J14
1.5 A	J15
1.6 A	J16
1.7 A	J17
1.8 A	J18
1.9 A	J19
2.0 A	J20
2.1 A	J21
2.2 A	J22
2.3 A	J23
2.5 A	J25
2.8 A	J28
3.0 A	030
3.5 A	035
4.0 A	040
4.5 A	045
5.0 A	050
6.0 A	060
6.5 A	065
7.0 A	070
7.5 A	075
8.0 A	080
9.0 A	090
10.0 A	100
11.0 A	110
12.0 A	120
13.0 A	130
14.0 A	140
15.0 A	150
16.0 A	160
17.0 A	170
18.0 A	180
19.0 A	190

TA45 - AK2 W F **120** A2 - AZM11 = Rated current

Rated current	Configuration key
without thermal overload protection / temporarily without VDE approval	C00
0.05 A	Z05
0.1 A	J01
0.2 A	J02
0.3 A	J03
0.4 A	J04
0.5 A	J05
0.6 A	J06
0.7 A	J07
0.8 A	J08
0.9 A	J09
1.0 A	J10
1.1 A	J11

Other rated currents on request

Other rated currents on request

20.0 A

Rated current

TA45 - AK2 W F 120 A2 - AZM11 = Release / lock-out latch

Release / lock-out latch	Configuration key
whithout release / lock-out latch	CO

TA45 - AK2 W F 120 A2 - AZM11 = Accessories

Factory mounted accessories	Configuration key
Without cover	
Collar with cover, IP54	AZM01
Raised collar with cover, IP54	AZM02
Raised collar, IP40	AZM03
For subsequent fitting accessories see:	

For subsequent fitting accessories see:

http://www.schurter.ch/pdf/english/typ_TA45-ACC.pdf

Factory mounted accessories	Configuration key
Raised collar with cover narrow, IP54	AZM10
Partially raised collar with cover, narrow, IP54	AZM11
Partially raised collarwithout cover, narrow, IP40	AZM12
For subsequent fitting accessories see:	
http://www.schurter.ch/pdf/english/typ_TA45-ACC.pdf	

Factory mounted accessories	Configuration key
Raised collar narrow, IP40	AZM13
Raised collar with cover narrow, IP54	AZM14
For subsequent fitting accessories see:	

http://www.schurter.ch/pdf/english/typ_TA45-ACC.pdf

Variants

Thermal overload pro- tection	Addition	connection type	Illumination	Actuator colour	Legend	Rated current	Accessories	Config. Code	Order Number
1-pole		Quick connect terminal	without illu- mination	White	embossed	10.0 A	Without cover	TA45-ABTWF100C0	4430.0022
2-pole		Quick connect terminal	without illu- mination	Black	white printed	15.0 A	Without cover	TA45-ABDBL150C0	4430.1089
2-pole		Quick connect terminal	without illu- mination	Black	white printed	15.0 A	Without cover	TA45-ABDBS150C0	4430.1328

Most Popular.

Availability for all products can be searched real-time:http://www.schurter.com/Stock-Check/Stock-Check-SCHURTER

Packaging Unit	1 Pcs	

Accessories



Description

TA45-ACC Accessories to TA45