

1. Safety switch with separate actuator

Description

Area of application

Safety switches with separate actuators are widely used in the entire production. For example, they are used in almost all types of machine tools. A major reason for this is that these types of safety switches offer certain benefits when frequent access to the danger point is required for the purpose of operating machinery, repairing faults, or setting-up.

They are suitable for monitoring the position of hinged, sliding and especially for removable safety guards, which need to be closed to ensure the necessary operational safety. They are also suitable for fitting onto profile sections and existing equipment.

Design and way of functioning

In contrast to position switches (type 1 switch), the safety switches with class 2 - according to EN ISO 14119 - do not have the switching element and actuator physically connected. When switching they are functionally brought together or separated. If the operator opens the safety door, the actuator is separated from the base unit. This causes the safety switch NC contacts to be opened and the NO contacts closed.

The Schmersal Group offers in this core area of its product range, an extraordinarily wide range of different product ranges. They differ, for example by their design and size, the materials used, the integration of additional functions as well as by the number of safety contacts and the connection type.

Safety switches are designed so that when they are installed their function cannot be easily changed or bypassed with simple aids (which includes, by definition, normal every day tools, nails, straight or simply curved wire pieces, etc.). If even higher demands on manipulation protection is required, there are product ranges available with individual coding. For these product ranges, there are different types of actuators that are matched by the key-lock principle. Therefore you can almost exclude the fact that the operator is able to obtain a replacement actuator.



All class 2 safety switches shown in this section correspond to at least IP67 protection type and can be used in conjunction with an appropriate safety relay module that reach the performance level d and e according to EN ISO 13849-1. Information for the selection of suitable safety relay modules can be found in the chapter "Safety relay modules" (refer to page 216).

Included in the Schmersal Group safety switch range includes versions with integrated AS-i SaW interface (AS-Interface Safety at Work). They take advantage of the simple and proven bus system based on the open standards AS-International and can be integrated over the appropriate system modules in parent communication networks ("Safety Integrated / Separated Safety").

Also available are ATEX certified versions. They allow the use in potentially explosive environments.

1. Safety switch with separate actuator

Overview of the series



■ AZ 15



■ AZ 16



■ AZ 17

Key Features

- Thermoplastic enclosure
- 1 contact
- 4 actuator slots
- 3 cable entries
- Screw terminals or connector

- Thermoplastic enclosure
- Up to 3 contacts
- Individual coding possible
- 4 actuator slots
- 3 cable entries
- Screw terminals or connector

- Thermoplastic enclosure
- 2 contacts
- Individual coding possible
- Small body
- Incl. cable gland
- Screw terminals or connector

Other versions

ATEX / IECEX	-	■	-
AS-i SaW	-	■	-

Technical features

Electrical characteristics			
Operating voltage	-	-	-
Power consumption	-	-	-
Max. switching capacity U/I	230 VAC / 4 A	230 VAC / 4 A	230 VAC / 4 A
Mechanical data			
Dimensions (W x H x D)	52 x 75 x 30 mm	52 x 90 x 30 mm	30 x 85 x 30 mm
Ambient conditions			
Ambient temperature	-30 °C ... +80 °C	-30 °C ... +80 °C	-30 °C ... +80 °C
Protection class	IP67	IP67	IP67
Actuator and accessories refer to ...	page 16	page 16	page 19

Safety classification

Standards	EN ISO 13849-1	EN ISO 13849-1	EN ISO 13849-1
B _{10d} (NC contact)	2,000,000	2,000,000	2,000,000
PL	-	-	-
Category	-	-	-
PFH-value	-	-	-
SIL	-	-	-
Certificates			



To get detailed information about the products and certificates, visit www.schmersal.net.



■ AZ 3350



■ AZ 415



■ AZ 200



■ AZ 300

- Metal enclosure
- Up to 3 contacts
- Actuator heads can be repositioned in steps 4 x 90°
- Robust design
- 1 cable entry
- Screw terminals

- Metal enclosure
- Up to 6 contacts
- Robust design
- Screw terminals

- Thermoplastic
- 2 safe semi-conductor outputs
- Also available with serial diagnostics
- Large horizontal and vertical misalignment
- Optimised for mounting on 40 mm profiles
- Screw terminal or cage clamp or connector

- Thermoplastic enclosure
- 2 safe semi-conductor outputs
- Individual coding possible
- Also available with serial diagnostics
- Switchable latching
- Can be used as end stop
- Connector

■	■	-	-
-	-	■	-

-	-	24 VDC	24 VDC
-	-	0.2 A (without load)	0.1 A (without load)
230 VAC / 4 A	230 VAC / 4 A	24 VDC / 0.25 A	24 VDC / 0.25 A
40.5 x 114 x 38 mm	84.6 x 103.6 x 46.5 mm	40 x 220 x 50 mm	85 x 100 x 35 mm
-30 °C ... +90 °C	-25 °C ... +70 °C	-25 °C ... +80 °C	0 °C ... +60 °C
IP67	IP67	IP67	IP66, IP67, IP69K
page 22	page 24	page 26	page 29

EN ISO 13849-1	EN ISO 13849-1	EN ISO 13849-1, IEC 61508	EN ISO 13849-1, IEC 61508
2,000,000	2,000,000	-	-
-	-	e	e
-	-	4	4
-	-	4.0 x 10 ⁻⁹ / h	4.3 x 10 ⁻⁹ / h
-	-	3	3



1. Safety switch with separate actuator

Preferred types

Series	Coding	Termination	Contacts or outputs	Latching force	Included in delivery	Type designation	Material number		
AZ 15	Standard coding	Screw terminals	1 NC	---	---	AZ 15ZVK-M16	101152787		
				5 N		AZ 15ZVK-M20	101157375		
				30 N		AZ 15ZVRK-M16-2254	101151298		
						AZ 15ZVRK-M20-2254	101164455		
						AZ 15ZVRK-M16	101153619		
AZ 16	Standard coding	Screw terminals	1 NO / 1 NC	---	---	AZ 16ZVK-M16	101152887		
				5 N		AZ 16ZVRK-M16-2254	101167057		
				30 N		AZ 16ZVRK-M20-2254	101161097		
			2 NC	---		AZ 16ZVRK-M16	101152094		
				5 N		AZ 16ZVRK-M20	101157379		
				30 N		AZ 16-02ZVK-M16	101154699		
						AZ 16-02ZVK-M20	101157377		
			3 NC	---		AZ 16-02ZVRK-M16-2254	101156104		
				5 N		AZ 16-02ZVRK-M20-2254	101161096		
				30 N		AZ 16-02ZVRK-M16	101147145		
						AZ 16-02ZVRK-M20	101157381		
			1 NO / 2 NC	---		AZ 16-03ZVK-M16	101155113		
		5 N		AZ 16-03ZVK-M20	101157372				
		30 N		AZ 16-03ZVRK-M16-2254	101164458				
				AZ 16-03ZVRK-M20-2254	101164459				
		Individual coding	Screw terminals	Connector	1 NO / 1 NC	30 N	---	AZ 16-03ZVRK-M16	101154220
								AZ 16-03ZVRK-M20	101157374
								AZ 16-12ZVK-M16	101152725
								AZ 16-12ZVK-M20	101157371
				3 NC	AZ 16-12ZVRK-M16-2254	101153566			
AZ 16-12ZVRK-M20-2254	101164456								
AZ 16-12ZVRK-M16	101154221								
AZ 16-12ZVRK-M20	101157373								
1 NO / 2 NC	AZ 16ZVRK-ST	101143124							
	AZ 16-03ZIB1-M16	101150055							
	AZ 16-03ZIB1-M20	101150637							
	AZ 16-12ZIB1-M16	101150050							
AZ 17	Standard coding	Cut clamps	1 NO / 1 NC	5 N	---	AZ 16-12ZIB1-M20	101150623		
						AZ 16-12ZIB1-M16	101150050		
		Connector	2 NC	5 N		Actuator B1	AZ 16-12ZIB6L-M16	103005854	
						Actuator B6L	AZ 16-12ZIB6R-M16	103005855	
AZ 17	Standard coding	Cut clamps	2 NC	30 N	---	AZ 17-11ZK	101121960		
						AZ 17-02ZK	101121961		
		Connector	1 NO / 1 NC	5 N		Actuator B6R	AZ 17-02ZRK	101133968	
						30 N	AZ 17-11ZRK-ST	101140774	
AZ 17	Standard coding	Connector	2 NC	30 N	---	AZ 17-02ZK-ST	101140773		
						AZ 17-02ZRK-ST	101140775		

A variety of other types of safety switches with separate actuators can be found at www.schmersal.net

1. Safety switch with separate actuator





Preferred types

Series	Coding	Termination	Contacts or outputs	Latching force	Included in delivery	Type designation	Material number
AZ 17 	Individual coding	Cut clamps	1 NO / 1 NC	5 N	Actuator B1	AZ 17-11ZIB1	101121962
					Actuator B5	AZ 17-11ZIB5	101122853
					Actuator B6L	AZ 17-11ZIB6L	101122857
				Actuator B6R	AZ 17-11ZIB6R	101122855	
				30 N	Actuator B5	AZ 17-11ZRIB5	101136305
					Actuator B6L	AZ 17-11ZRIB6L	101136307
			Actuator B6R		AZ 17-11ZRIB6R	101136306	
			2 NC	5 N	Actuator B5	AZ 17-02ZIB5	101122854
					Actuator B6L	AZ 17-02ZIB6L	101122858
					Actuator B6R	AZ 17-02ZIB6R	101122856
				30 N	Actuator B1	AZ 17-02ZRIB1	101136308
					Actuator B5	AZ 17-02ZRIB5	101136309
Actuator B6L	AZ 17-02ZRIB6L	101136311					
Actuator B6R	AZ 17-02ZRIB6R	101136310					
AZ 3350 	Standard coding	Screw terminals	1 NO / 2 NC	---	---	AZ 3350-12ZUEK	101214053
			3 NC	---	---	AZ 3350-03ZK	101214052
AZ 415 	Standard coding	Screw terminals	4 NC	80 ... 400 N	---	AZ 415-02/02ZPK-M20	101164609
			2 NO / 2 NC			AZ 415-11/11ZPK-M20	101154000
			3 NO / 3 NC			AZ 415-33ZPK-M20	101164612
AZ 200 	Standard coding	Cage clamps	Diagnostic output and 2 safety outputs, all p-type	30 N	---	AZ 200CC-T-1P2P	101182988
		Screw terminals				AZ 200SK-T-1P2P	101182254
		Connector				AZ 200ST2-T-1P2P	101190204
AZ 300 	Standard coding	Connector	Diagnostic output and 2 safety outputs, all p-type	25 N / 50 N	---	AZ300-ST-1P2P	103001462
	Individual coding				Can be taught once	AZ300-I1-ST-1P2P	103001464
					Can be taught multiple times	AZ300-I2-ST-1P2P	103001466

1. Safety switch with separate actuator

AZ 15/16 - Selection of the actuators

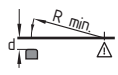
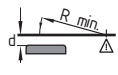




Actuator type	Actuator description	Designed for					Type designation	Material number
			R_{min} [mm]	d [mm]	R_{min} [mm]	d [mm]		
Flexible actuator	Standard		---	---	45	11	AZ 15/16-B2	101095558
	With magnetic latch		---	---	45	11	AZ 15/16-B2-1747	101096089
	Standard		32	11	---	---	AZ 15/16-B3	101095550
	With magnetic latch		32	11	---	---	AZ 15/16-B3-1747	101096090
	Standard		25	11	38	11	AZ 15/16-B6	101137434
Straight actuator	Standard		---	---	---	---	AZ 15/16-B1	101083036
	With magnetic latch		---	---	---	---	AZ 15/16-B1-1747	101093553
	With slot lip-seal		---	---	---	---	AZ 15/16-B1-2024	101108278
	With ball latch		---	---	---	---	AZ 15/16-B1-2053	101111081
	With centering guide		---	---	---	---	AZ 15/16-B1-2177	101126794
	With rubber mountings		---	---	---	---	AZ 15/16-B1-2245	101137408

Actuating radii

The axis of the hinge must be d [mm] above and in a parallel plane to the top surface of the safety switch. The basis setting provides a minimum radius of R_{min} [mm].

Key



- 
Actuating radius over the small edge of the actuator
- 
Actuating radius over the wide edge of the actuator
- 
Sliding and removable safety guards
- 
Hinged safety guards

Actuators must be ordered separately.

1. Safety switch with separate actuator

AZ 15/16 - Actuator and accessories



AZ 15/16-B1 *	101083036	AZ 15/16-B1-1747 *	101093553	AZ 15/16-B1-2024 *	101108278
 <ul style="list-style-type: none"> ■ Straight actuator ■ Also with individual coding * 	 <ul style="list-style-type: none"> ■ Straight actuator with magnetic latch ■ Also with individual coding * ■ Holding force approx. 30 N 	 <ul style="list-style-type: none"> ■ Straight actuator with slot lip-seal ■ Also with individual coding * ■ For protection against the ingress of dirt 			
AZ 15/16-B1-2053 *	101111081	AZ 15/16-B1-2177 *	101126794	AZ 15/16-B1-2245	101137408
 <ul style="list-style-type: none"> ■ Straight actuator with ball latch ■ Also with individual coding * ■ Holding force approx. 100 N 	 <ul style="list-style-type: none"> ■ Straight actuator with centering guide ■ Also with individual coding * ■ For light non precisely guided doors (flexing etc.) 	 <ul style="list-style-type: none"> ■ Actuator with rubber mounting 			
AZ 15/16-B2	101095558	AZ 15/16-B2-1747	101096089	AZ 15/16-B3	101095550
 <ul style="list-style-type: none"> ■ Flexible actuator ■ For small actuating radius over the wide edge of the actuator (adjustable) 	 <ul style="list-style-type: none"> ■ Flexible actuator with magnetic latch ■ Holding force approx. 30 N 	 <ul style="list-style-type: none"> ■ Flexible actuator ■ For small actuating radius over the small edge of the actuator (adjustable) 			

* The actuators with individual coding cannot be delivered individually.

1. Safety switch with separate actuator

AZ 15/16 - Actuator and accessories







AZ 15/16-B3-1747 101096090	AZ 15/16-B6 101137434	SZ 16/335 101110500
 <ul style="list-style-type: none"> Flexible actuator with magnetic latch Holding force approx. 30 N 	 <ul style="list-style-type: none"> Flexible actuator For small actuating radius over the wide or small edge of the actuator (adjustable) 	 <ul style="list-style-type: none"> To prevent inadvertent closing, e.g. during maintenance Attachment of up to 6 padlocks Fixing the locking tong with a chain near to the safety switch
MS AZ 16 ...	Ball latch 2053-2 101115025	Slot sealing plug AZ 15/16-1476 101089116
 <ul style="list-style-type: none"> Mounting set only with AZ 15/16-B6 Mounting parallel to safety guard: MS AZ 16 P 101150373 Mounting right-angled to safety guard: MS AZ 16 R/P 101149214 	 <ul style="list-style-type: none"> Additional ball latch for stable latching of light to medium-weight guards For separate mounting on the safety guard 	 <ul style="list-style-type: none"> To cover unused actuator slots For protection against the ingress of dirt Easy to install by just clipping in
Centering device	Connector plug	Tamperproof screws
 <ul style="list-style-type: none"> Centring device for pre-positioning (door guidance) Mounting outside: TFA-020 101172607 Mounting inside: TFI-020 101172609 	 <ul style="list-style-type: none"> Connector M12, 4-pin Without cable 101208522 With cable 5 m 101208523 	 <ul style="list-style-type: none"> Tamperproof screws with unidirectional slots M5 x 12 101135338 M5 x 16 101135339 M5 x 20 101135340 Quantity 2 pcs



1. Safety switch with separate actuator

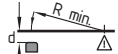
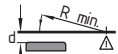


AZ 17 - Selection of the actuators

Actuator type	Actuator description	Designed for					Type designation	Material number
			R _{min} [mm]	d [mm]	R _{min} [mm]	d [mm]		
Flexible actuator	AZ 17 standard		50	11	50	11	AZ 17-B6	101126060
	For left-hand side door hinge with individual coding		50	11	50	11	AZ 17i-B6L	Included in delivery
	For right-hand side door hinge with individual coding		50	11	50	11	AZ 17i-B6R	Included in delivery
Straight actuator	Standard		---	---	---	---	AZ 17/170-B1	101122893
	With rubber mountings		---	---	---	---	AZ 17/170-B1-2245	101137406
	Angled		---	---	---	---	AZ 17/170-B5	101122895
	Longer		---	---	---	---	AZ 17/170-B11	101139788
	Longer and angled		---	---	---	---	AZ 17/170-B15	101139789

Actuating radii

The axis of the hinge must be d [mm] above and in a parallel plane to the top surface of the safety switch. The basis setting provides a minimum radius of R_{min} [mm].

Key

- 
Actuating radius over the small edge of the actuator
- 
Actuating radius over the wide edge of the actuator
- 
Sliding and removable safety guards
- 
Hinged safety guards

Actuators must be ordered separately.

1. Safety switch with separate actuator

AZ 17 - Actuator and accessories



AZ 17/170-B1 *	101122893	AZ 17/170-B1-2245	101137406	AZ 17/170-B5 *	101122895
 <ul style="list-style-type: none"> ■ Straight actuator ■ Also with individual coding * 		 <ul style="list-style-type: none"> ■ Actuator with rubber mounting ■ Standard coding 		 <ul style="list-style-type: none"> ■ Angled actuator ■ Also with individual coding * 	
AZ 17/170-B11	101139788	AZ 17/170-B15	101139789	AZ 17-B6	101126060
 <ul style="list-style-type: none"> ■ Long straight actuator ■ Standard coding 		 <ul style="list-style-type: none"> ■ Long angled actuator ■ Standard coding 		 <ul style="list-style-type: none"> ■ Flexible actuator ■ Standard coding 	
B6R *		B6L *			
 <ul style="list-style-type: none"> ■ Flexible actuator for right-hand side door hinge ■ Individual coding * 		 <ul style="list-style-type: none"> ■ Flexible actuator for left-hand side door hinge ■ Individual coding * 			

* The actuators with individual coding cannot be delivered individually.

1. Safety switch with separate actuator

AZ 17 - Actuator and accessories



AZ 17-B25-R-G1 101175202	AZ 17-B25-R-G2 101175228	MP AZ 17/170-B25 101175190
 <ul style="list-style-type: none"> ■ Door-handle actuator with star grip ■ For door hinge on the right-hand side 	 <ul style="list-style-type: none"> ■ Door-handle actuator with T-grip ■ For door hinge on the right-hand side 	 <ul style="list-style-type: none"> ■ Mounting plate ■ Accessories only for door-handle actuator AZ 17-B25-..
Centering device	Connector plug	Tamperproof screws
 <ul style="list-style-type: none"> ■ Centring device for pre-positioning ■ Mounting outside: TFA-020 101172607 ■ Mounting inside: TFI-020 101172609 	 <ul style="list-style-type: none"> ■ Connector M12, 4-pin ■ Without cable 101208522 ■ With cable 5 m 101208523 	 <ul style="list-style-type: none"> ■ Tamperproof screws with unidirectional slots M4 x 8 101147463 ■ Quantity 2 pcs
AZM 170-B 101208493	MS AZ 17 ...	
 <ul style="list-style-type: none"> ■ Centering guide ■ Only in combination with long actuator 	 <ul style="list-style-type: none"> ■ Mounting set only with AZ 17-B6 ■ Mounting parallel to safety guard: MS AZ 17 P 101150363 ■ Mounting right-angled to safety guard: MS AZ 17 R/P 101149212 	

1. Safety switch with separate actuator

AZ 3350 - Selection of the actuators



Actuator type	Actuator description	Designed for	Small edge		Wide edge		Type designation	Material number
			R_{min} [mm]	d [mm]	R_{min} [mm]	d [mm]		
Flexible actuator	With rubber mountings		---	---	350	28	AZ 3350-B1R	101214019
	With rubber mountings and angled		---	---	350	22	AZ 3350-B5R	101214020
	Standard		650	55	400	55	AZ 3350-B6	101214016
	Standard with rear-side fixing.		650	49	400	49	AZ 3350-B6H	101214017
Straight actuator	With rubber mountings		---	---	---	---	AZ 3350-B1	101214015
	With rubber mountings and angled		---	---	---	---	AZ 3350-B5	101214018

Actuating radii

The axis of the hinge must be d [mm] above and in a parallel plane to the top surface of the safety switch. The basis setting provides a minimum radius of R_{min} [mm].

Key

- Actuating radius over the small edge of the actuator
- Actuating radius over the wide edge of the actuator
- Sliding and removable safety guards
- Hinged safety guards

Actuators must be ordered separately.

1. Safety switch with separate actuator

AZ 3350 - Actuator and accessories



AZ 3350-B1	101214015	AZ 3350-B1R	101214019	AZ 3350-B5	101214018
 <ul style="list-style-type: none"> ■ Straight actuator with rubber mounting ■ Particularly suitable for sliding safety guards 	 <ul style="list-style-type: none"> ■ Flexible actuator with rubber mounting ■ Particularly suitable for hinged safety guards 	 <ul style="list-style-type: none"> ■ Angled actuator with rubber mounting ■ Particularly suitable for sliding safety guards 			
AZ 3350-B5R	101214020	AZ 3350-B6	101214016	AZ 3350-B6H	101214017
 <ul style="list-style-type: none"> ■ Angled actuator with rubber mounting ■ Particularly suitable for hinged safety guards 	 <ul style="list-style-type: none"> ■ Flexible actuator ■ Particularly suitable for hinged safety guards 	 <ul style="list-style-type: none"> ■ Flexible actuator ■ Particularly suitable for hinged safety guards 			

1. Safety switch with separate actuator

AZ 415 - Selection of the actuators



Actuator type	Actuator description	Designed for	Diagram 1		Diagram 2		Type designation	Material number
			R_{min} [mm]	d [mm]	R_{min} [mm]	d [mm]		
Flexible actuator	For very small actuating radius over the wide edge of the actuator		---	---	250	36	AZ/AZM 415-B2	101144796
	For very small actuating radius over the small edge of the actuator		250	36	---	---	AZ/AZM 415-B3	101144797
Straight actuator	For sliding safety guards		---	---	---	---	AZ/AZM 415-B1	101128545

Actuating radii

The axis of the hinge must be d [mm] above and in a parallel plane to the top surface of the safety switch. The basis setting provides a minimum radius of R_{min} [mm].

Key






- Actuating radius over the small edge of the actuator
- Actuating radius over the wide edge of the actuator
- Sliding and removable safety guards
- Hinged safety guards

Actuators must be ordered separately.

1. Safety switch with separate actuator

AZ 415 - Actuator and accessories



AZ/AZM 415-B1	101128545	AZ/AZM 415-B2	101144796	AZ/AZM 415-B3	101144797
 <ul style="list-style-type: none"> ■ Straight actuator ■ For sliding safety guards 	 <ul style="list-style-type: none"> ■ Flexible actuator ■ Particularly suitable for hinged safety guards ■ For very small actuating radius over the wide edge of the actuator 	 <ul style="list-style-type: none"> ■ Flexible actuator ■ Particularly suitable for hinged safety guards ■ For very small actuating radius over the small edge of the actuator 			
SZ AZ 415 22-.	MP AZ 415	101142442			
 <ul style="list-style-type: none"> ■ Lockout tag with 7 bore holes ■ SZ AZ 415-22-1 ■ SZ AZ 415-22-2 	 <ul style="list-style-type: none"> ■ Mounting plate ■ For simple mounting ■ Subsequent adjustment enabled ■ Suitable for all conventional profile systems 	<p>101160461</p> <p>101160462</p>			

1. Safety switch with separate actuator

AZ 200 - Selection of the actuators



Series	Door hinge		Emergency exit P0	Type designation	Material number
	Left	Right			
AZ/AZM 200-B1	■			AZ/AZM 200-B1-LT	101183465
			■	AZ/AZM 200-B1-LTP0	101183466
		■		AZ/AZM 200-B1-RT	101183469
			■	AZ/AZM 200-B1-RTP0	101183470

Series	Door hinge		Door handle G1	Rotating knob G2	Emergency exit			Locking rod P30/P31	Lock-out tag	Mounting		Type designation	Material number		
	Left	Right			Without	Standard P1	Metal P20			Out-side	In-side				
AZ/AZM 200-B30	■		■		■					■		AZ/AZM 200-B30-LTAG1	101178681		
					■				■	■		AZ/AZM 200-B30-LTAG1-SZ	101213364		
						■				■		AZ/AZM 200-B30-LTAG1P1	101178668		
						■					■	AZ/AZM 200-B30-LTIG1P1	101194427		
						■					■	■	AZ/AZM 200-B30-LTAG1P1-SZ	101213362	
							■				■		AZ/AZM 200-B30-LTAG1P20	101186150	
							■				■	■	AZ/AZM 200-B30-LTAG1P20-SZ	101216690	
					■						■	■	AZ/AZM 200-B30-LTAG1P30	101208901	
					■						■	■	■	AZ/AZM 200-B30-LTAG1P30-SZ	on request
											■		■	AZ/AZM 200-B30-LTAG1P31	101208906
											■	■	■	AZ/AZM 200-B30-LTAG1P31-SZ	103001335
									■	■					■
	■										■	■	AZ/AZM 200-B30-LTAG2-SZ	on request	
		■										■		AZ/AZM 200-B30-LTAG2P1	101181141
		■										■	■	AZ/AZM 200-B30-LTAG2P1-SZ	103000175
	■											■	■	AZ/AZM 200-B30-RTAG1	101178680
	■											■	■	AZ/AZM 200-B30-RTAG1-SZ	101213365
		■										■		AZ/AZM 200-B30-RTAG1P1	101178738
		■											■	AZ/AZM 200-B30-RTIG1P1	101194425
		■										■	■	AZ/AZM 200-B30-RTAG1P1-SZ	101213363
			■									■	■	AZ/AZM 200-B30-RTAG1P20	101186144
			■									■	■	AZ/AZM 200-B30-RTAG1P20-SZ	101216691
	■											■	■	■	AZ/AZM 200-B30-RTAG1P30
	■						■	■	■	AZ/AZM 200-B30-RTAG1P30-SZ	103000183				
						■		■	AZ/AZM 200-B30-RTAG1P31	101208917					
						■	■	■	AZ/AZM 200-B30-RTAG1P31-SZ	101217745					
				■	■					■		AZ/AZM 200-B30-RTAG2	101181139		
					■					■	■	AZ/AZM 200-B30-RTAG2-SZ	on request		
						■					■		AZ/AZM 200-B30-RTAG2P1	101181143	
						■					■	■	AZ/AZM 200-B30-RTAG2P1-SZ	103000174	
AZ/AZM 200-B40	■					■			■		AZ/AZM 200-B40-LTAG1P1	101208848			
		■				■			■		AZ/AZM 200-B40-RTAG1P1	101208845			

Actuators must be ordered separately.

Detailed information for the selection of the actuators can be found at www.schmersal.net.

1. Safety switch with separate actuator

AZ 200 - Actuator and accessories





AZ/AZM 200-B1-...	AZ/AZM 200-B1-...-P0	AZ/AZM 200-B40-...
 <ul style="list-style-type: none"> Actuator for sliding safety guards Left-hand side actuating direction AZ/AZM 200-B1-LT 101183465 Right-hand side actuating direction AZ/AZM 200-B1-RT 101183469 	 <ul style="list-style-type: none"> With emergency exit P0 Left-hand side actuating direction AZ/AZM 200-B1-LT-P0 101183466 Right-hand side actuating direction AZ/AZM 200-B1-RT-P0 101183470 	 <ul style="list-style-type: none"> Actuators for rotatable and moveable protection equipment, especially for hinged-doors with overlapping folds
AZ/AZM 200-B30-... -G1	AZ/AZM 200-B30-...-SZ	AZ/AZM 200-...-G2
 <ul style="list-style-type: none"> Actuator for hinged safety guards 	 <ul style="list-style-type: none"> Actuator B30 with lockout tag 	 <ul style="list-style-type: none"> Actuator with rotating knob
AZ/AZM 200-...-P1	AZ/AZM 200-...-P20	AZ/AZM 200-B30-...-P30/P31
 <ul style="list-style-type: none"> Emergency exit 	 <ul style="list-style-type: none"> Emergency exit (metal) 	 <ul style="list-style-type: none"> Three point locking linkage for requirements with increased mechanical stability (7,000 N)

The actuation system selection can be found at www.schmersal.net.

1. Safety switch with separate actuator

AZ 200 - Actuator and accessories




SZ 200-1	SZ 200	101194438
 <ul style="list-style-type: none">■ Lockout tag with 6 bore holes■ To prevent inadvertent closing, e.g. during maintenance	 <ul style="list-style-type: none">■ Lockout tag with 5 bore holes■ To prevent inadvertent closing, e.g. during maintenance	

1. Safety switch with separate actuator

AZ 300 - Actuator and accessories



AZ/AZM300-B1 101218025					
 <ul style="list-style-type: none"> ■ Actuator ■ 3 different directions of actuation 					
MP-AZ/AZM300-1 103003172		MS-AZ/AZM300-B1-1 103002891		SZ 200-1 101196397	
 <ul style="list-style-type: none"> ■ Mounting plate 		 <ul style="list-style-type: none"> ■ Mounting set for actuators 		 <ul style="list-style-type: none"> ■ Lockout tag with 6 bore holes ■ To prevent inadvertent closing, e.g. during maintenance 	

Actuators must be ordered separately.