SCHMERSAL

EN Operating instructions. . . . . page 1
Original

Purpose

Different actuator forms are available. The actuators AZ/AZM 415-B1 are preferably used for sliding and removable safety guards.
For hinged guards, the AZ/AZM 415-B2 and -B3 actuators.

Mounting

When the switch is fitted on a hinged safety guard, please ensure that the point of rotation is located within the range of the upper surface of the safety switch, in which the actuator hook is inserted (refer to table).

Actuating radii		R_{min} [mm]	d [mm]	R_{min} [mm]	d [mm]
	AZ/AZM 415-B2			50	36
	AZ/AZM 415-B3	250	36		
	AZ/AZM 415-B1				

Key

Actuating radius over the small edge of the actuator

Actuating radius over the wide edge of the actuator

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}.

The sockets of the AZ/AZM 415-B2 and -B3 actuators are equipped with pin holes. The use of dowel pins prevents disassembly of the actuator.

Use tamper-proof screws to prevent unauthorised removal of the switch; these screws are available as an accessory.

The distance between the actuator flange and the switch enclosure must be < 3 mm when the actuator is inserted. (see Fig. 1)

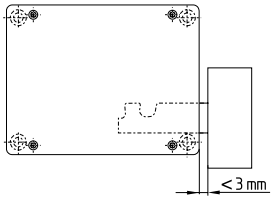
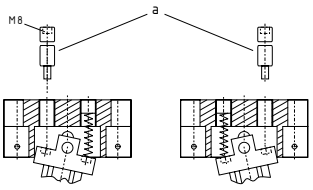
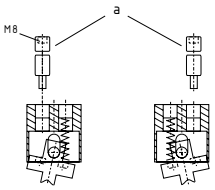


Fig. 1

Setting screw
By the adjustment of the hexagon socket screws, the actuators can be fitted into almost any desired position. To that effect, remove the corresponding screw and nut from the actuator and replace it with the supplied hexagon sockets screw SW4 (a).



AZ/AZM 415-B2



AZ/AZM 415-B3

K.A. Schmersal GmbH & Co. KG
Möddinghofe 30, D - 42279 Wuppertal
Postfach 24 02 63, D - 42232 Wuppertal

Phone: +49 - (0)2 02 - 64 74 - 0
Telefax: +49 - (0)2 02 - 64 74 - 1 00
E-Mail: info@schmersal.com
Internet: http://www.schmersal.com

x.000 / 05.2018 / v.A. - 101134150-EN / M / 2018-05-16 / AE-Nr. 9281