

ESH-ARO-20A-1205 (Order no. 106548)

Safety hinge ESH readjustable

- ▶ Safety hinge with integrated safety function
- ▶ Operating point can be readjusted
- ▶ Ideal use with hinged doors
- ▶ Suitable for profile mounting
- ▶ Connection via plug connector M12



Important:

The safety hinges ESH are safety devices for monitoring movable guards, such as doors or covers on machinery or systems.

On the safety hinges ESH-ARO... the operating point can be adjusted as often as necessary.

During mounting the axes of the hinges used must be exactly aligned.

Switching element

20 Snap-action switching contact 2NC 

Technical data

Approvals



Electrical connection values

Fuse	max. 2 A gG
Rated insulation voltage U_i	60 V
Rated impulse voltage U_{imp}	2.5 kV
Utilization category	
	AC-15 1.5 A 30 V
	DC-13 2.0 A 24 V
Switching current	
	at 24V min. 1 mA
thermal rated current I_{th}	3 A
Degree of contamination (external, according to EN 60947-1)	3

Mechanical values and environment

Number of door position positively driven contacts	2
Max. load as per mechanical life test according to EN 1935	Door hinge class 12 (100kg door weight)
Actuation frequency	max. 1200 1/h
Installation orientation	any
Storage temperature	-25 ... 70 °C
Mechanical life	1 x 10 ⁶
Switching principle	Snap-action switching contact
Operating point	4° from fixing point
Degree of protection	IP67
Pivoting angle	-10 ... 180 °
Ambient temperature	-25 ... 70 °C

Material

Housing die-cast zinc, nickel plated

Contact Silver

Positively driven angle approx. 10° from fixing point