

BELT MISALIGNMENT SWITCHES

MAS

91.050 688.xxx



APPLICATION

Kiepe belt misalignment switches type MAS are used to monitor the misalignment of conveyor belt systems in accordance with the requirements of EN 620. They are used to protect the system from damage or destruction in the event of belt misalignment and are installed in pairs on both sides of the upper or lower run in areas at risk.

The Kiepe belt misalignment switch type MAS is compliant with the Low Voltage Directive 2014/35/EU and UKCA conformity is available.

The use of glass fiber reinforced plastic and stainless steel is aimed in particular at use in aggressive environments, i.e. potash and salt plants, seaports as well as in recycling and composting plants.

As standard, the switches are manufactured with two switching elements with self-cleaning contacts.

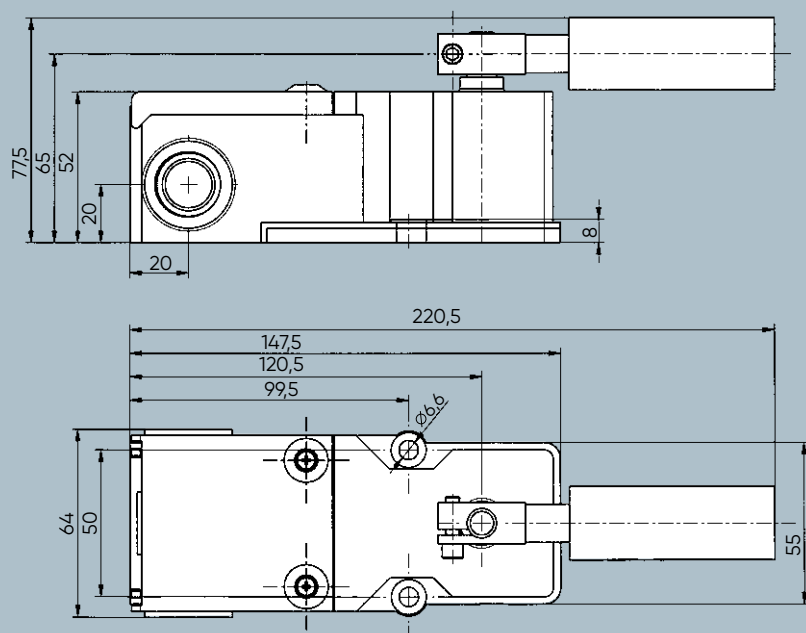
The misalignment switch may only be used in control circuits.

TECHNICAL DATA

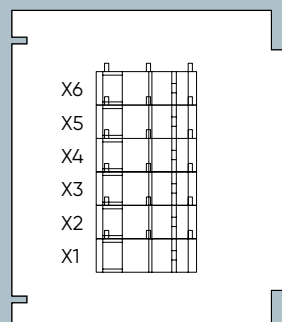
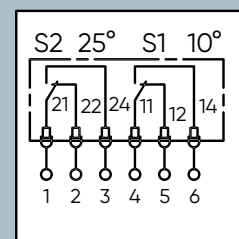
Device complies with	EN 60947-5-1
Suited for	Control circuits according to DIN EN 60204-1
Housing	PA, fibre reinforced, UV-stabilized
Mounting	2 x M6
Cable entry (included in scope of supply)	3 x M25 x 1,5 1 x cable screw joint; sealing area Ø 9 mm up to Ø 17 mm, 1 x sealing screws
Protection (according to EN 60529)	IP 65
Rated insulation voltage U_i	250 V
Ambient temperature	-25°C ... +70°C
Switching system	2 self cleaning changeover contacts
Switching points	10° and 25°
Excursion (max.)	90°
Conventional thermal current I_{th}	6 A
Switching capacity	AC-15: AC 230 V/1,5 A DC-13: DC 60 V/0,5 A
Connections (max.)	2,5 mm ²
Ordering Code	91.050 688.001

Note: The devices may be used in control circuits only!

DIMENSIONS



Connector strips



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