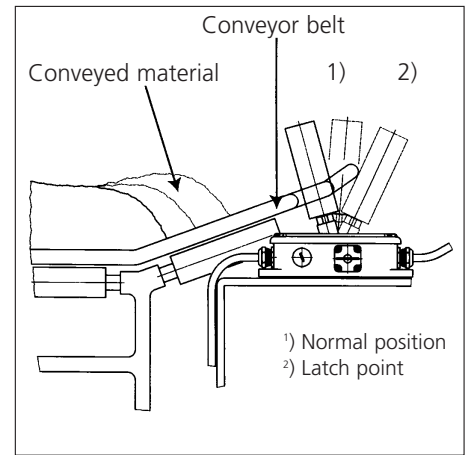


Metal-bodied conveyor control switches for monitoring conveyor belts

Si2

Protection class IP 65



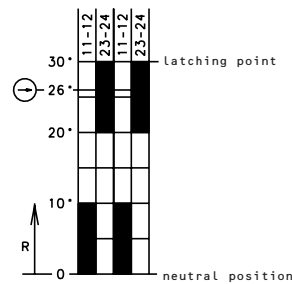
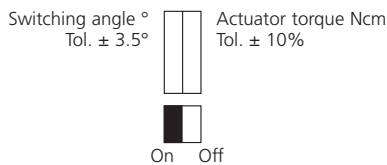
Designation	Si2-U1Z AW
Part number	601.5736.003
Circuit diagram	
⊕ Forced disconnect to IEC 947-5-1 chapter 3	
Za: not galvanically separated contacts	
Zb: galvanically separated contacts	
Slow make & break/snap-action	
Internal seal (iw)/external seal (w)	

⊕ Zb	
●/-	
●	

The safety switch, in combination with the conveyor control system, protects the conveyor belt from damage or destruction in the event of belt misalignment. The pressure of the cylindrical roller against the conveyor belt allows for detection of incorrect alignment in either direction and assures a shut down by latching the safety contacts.

After solving the problem, the plant can be re-started by pulling the reset plunger (key ring). The cylindrical roller is mounted on ball bearings. The cast housing is supplied with three cable entries (M 20 x 1.5) for easy "through wiring" (display lamps available on request).

This switch allows reliable and trouble-free operation, in extreme conditions because of its robust assembly.



Voltage	max.	500 V AC
Permanent current	max.	10 A
In-rush current complies with standards		
IEC 947-5-1 AC 15/DC 13		
Switching frequency	max.	10/min.
Mechanical life – number of switching actions		2 x 10 ⁶
Operating temperature	min./max.	-30 °C/+80 °C -22 °F/+176 °F
Approvals		UL, CSA
Cable entry		3 x M 20
Weight		4.10 kg/9.02 lb
Delivery: ex-stock/built to order		●/-

500 V AC	
10 A	
●	
10/min.	
2 x 10 ⁶	
-30 °C/+80 °C -22 °F/+176 °F	
UL, CSA	
3 x M 20	
4.10 kg/9.02 lb	
●/-	

All dimensions in mm (inch)

