

Data sheet

3SE7310-1AE00



Conveyor belt unbalance tracker Metal enclosure, 2 x M25 x 1.5 2 NO+2 NC, with latching according to EN ISO 13850 Pushbutton release

product brand name	SIRIUS
product designation	conveyor belt unbalance device
product type designation	3SE7
General technical data	
product function EMERGENCY STOP function	No
product component light source	No
insulation voltage rated value	400 V
degree of pollution	class 3
surge voltage resistance rated value	6 kV
protection class IP	IP65
mechanical service life (operating cycles) typical	100 000
thermal current	6 A
reference code according to IEC 81346-2	S
continuous current of the DIAZED fuse link gG	6 A
Substance Prohibitance (Date)	07/01/2006
SVHC substance name	Lead - 7439-92-1
Net Weight	1.89 kg
Ambient conditions	
ambient temperature during operation	-25 ... +70 °C
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	2
operational current at AC-15	
• at 240 V rated value	6 A
• at 400 V rated value	6 A
operational current at DC-13	
• at 24 V rated value	3 A
• at 250 V rated value	0.27 A
Enclosure	
material of the enclosure	metal
material of the enclosure cover	Metal
product component EMERGENCY STOP device	No
color	
• of the enclosure	black
• of the enclosure top part	grey
coating of the enclosure	Painted
Display	
product function status display	No
circuit principle	Jump function
material of the contact	Silver

number of switching contacts safety-related	2
cable entry type	2x M25 x 1,5
Installation/ mounting/ dimensions	
fastening method	screw fixing
height	160 mm
width	135 mm
depth	206 mm
Connections/ Terminals	
type of electrical connection	screw terminal
type of connectable conductor cross-sections	
• solid	2x (0.5 ... 2.5 mm ²)
• finely stranded with core end processing	2x (0.5 ... 2.5 mm ²)
• for AWG cables solid	2x (20 ... 14)
• for AWG cables stranded	2x (20 ... 14)
Safety related data	
proportion of dangerous failures with high demand rate according to SN 31920	50 %
B10 value with high demand rate according to SN 31920	100 000

Approvals Certificates

General Product Approval

other



[Confirmation](#)

Environment

[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE7310-1AE00>

Cax online generator

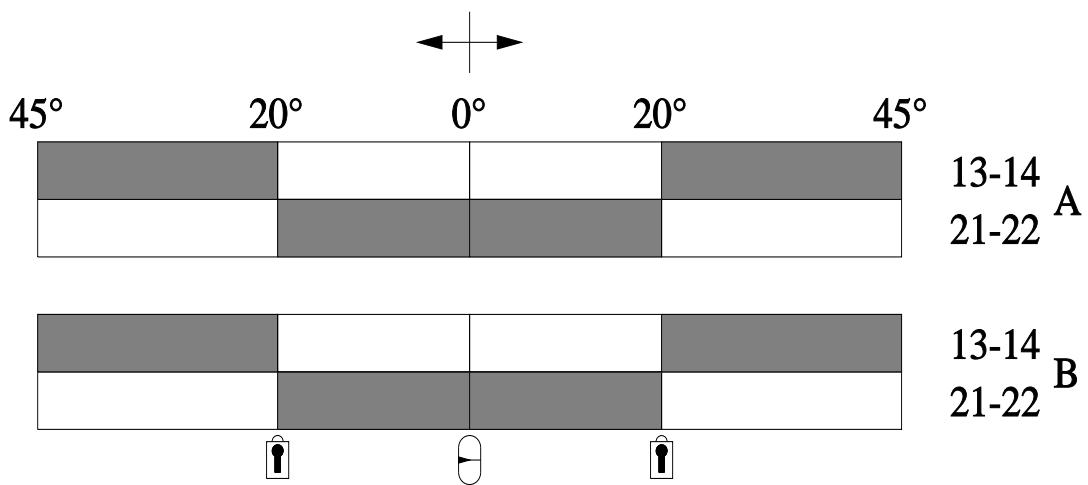
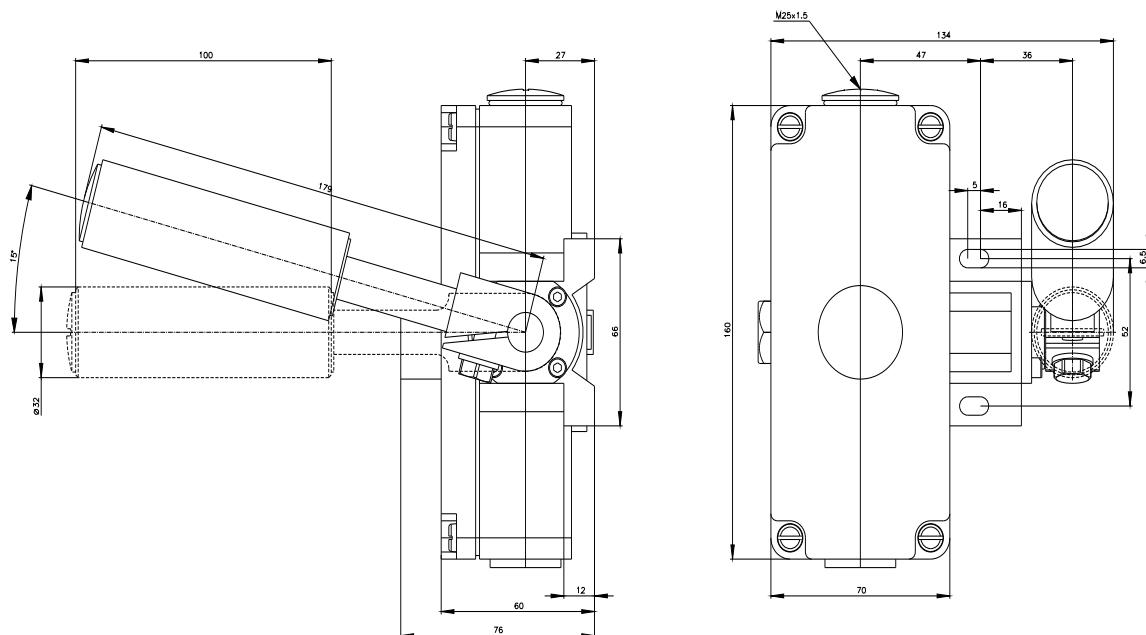
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE7310-1AE00>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/p/3SE7310-1AE00>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE7310-1AE00&lang=en



 Verriegelung / Locking

→ Betätigungsrichtung / Travel

 Mittelstellung / Middle position

 Schaltglied geschlossen / Contact element closed

 Schaltglied geöffnet / Contact element open

