



INDUSTRIKOMPONENTER A/S
En anerkendt partner i Mobil Energi

WIRENØDSTOPSYSTEMER HEN



For mere specifikke oplysninger om disse produkter, og
hvordan de kan dække dine behov, ring venligst

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WIRENØDSTOPSSYSTEMER HEN

ANVENDELSE

Wirenødstopssystemer type HEN are used in accordance with the requirements of EN 620 as well as BGI 710 and in conformity with DIN EN ISO 13850 as emergency stop devices as supplementary safety measures on conveyor belt systems. The pull rope is symmetrically tensioned on both sides of the red release lever.

The devices are suitable for outdoor use and applications where the ambient temperature varies considerably.

With the pull-rope system functionally aligned, the emergency stop signal can be triggered over a distance of up to about 100m for each switch.

Pull-rope emergency stop switch types HEN comply with Machinery Directive 2006/42/EC.

They must only be used in control electrical circuits.

The HEN aluminum housing offers space for up to 3 simultaneously switching NO and NC contacts. Taking into consideration the safety data and maintenance recommendations, the pull-rope emergency stop switch type NTS can be used in safety circuits in accordance with DIN EN ISO 13849 up to Performance Level e (PLe).

FUNKTION

The pull-rope emergency stop switch is actuated by a pull rope 1 connected on both sides of the red release lever. The contacts are actuated by a spring supported cam disc (snap action function). At the same time, up to three NC and NO contacts are actuated simultaneously and a cross comparison of the contacts can be performed with an external control unit.

The emergency stop signal is performed with positive-making normally closed (NC) contacts in accordance with the closed circuit principle.

After the emergency stop function is triggered, the switching mechanism is locked in the shut-off position "0". When the blue reset lever is actuated in switch position "1", the switching contacts are reactivated and the conveyor belt is prepared for being turned back on again.

Resetting the pull-rope emergency stop switch must not cause the conveyor system to start up

TEKNISKE DATA

Betegnelse	Wirenødstopssystem type HEN. Nødstop med låsestop
Aktivering	Bidirectional; spring-loaded ("snap action")
Enhed overholder	DIN EN ISO 13850, DIN EN 60204-1, DIN EN 60947-5-5, DIN EN 60947-5-1, EN 620, BGI 710
Egnet til	Styreenheder og systemer i overensstemmelse med DIN EN 60204
FUNKTION	
Kabinet	GK-AISI 12
Finhed	DD-maling Kabinet: - gul (RAL 1004), udløserarm - rød (RAL 3000), nulstil håndtag - blå (RAL 5010)
Installation position	I lodret, vinkel op til 15°
Montering	2 slotted holes for M8 skruer
Wire længde	Op til ca. 100m
Vægt	1,7 kg
Actuation force	30 N $\pm$ 10 N

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TEKNISKE DATA (Cont'd)

Elektrisk system	
Switching System	Op til 3 NC og NO kontakter; cam operated switches with direct opening action
Kabelindføring	Threaded holes 2 x M25 x 1,5 mm with deach 1 x screwed cable gland: sealing area Ø 11 mm til Ø 16 mm; 1 x dummy screw
Brydeevne	AC-15: 230 V / 6 A DC-13: 100 V; 1,1 A
Connection cross section	1 mm ² til 2,5 mm ²
Protective conductor connection	In the casing; M4
Nominel isolering spænding U _i	400 V
Rated impulse withstand voltage U _{imp}	2,5 kV, degree of pollution III
Konventionel termisk strøm I _{th}	16 A
Contact reliability	>2 millioner switching operations
Omgivelsesbetingelser iht DIN EN 60947-5-5	
Tilladt omgivelsestemperatur	-25 °C --- + 70 °C
Udvidet omgivende temperaturområde	-40 °C --- + 70 °C (typ HEN 7xx)
Beskyttelsesvurdering	IP 67 i overensstemmelse med EN 60529
Sikkerhedsdata i henhold til DIN EN ISO 13849 og EN 61062	
Sikkerhedsfunktioner	Nødstop indl. låsende Manuel nulstilling
Anvendelig iht DIN EN ISO 13849-1	Op til PLe (afhængig af kundeansøgning)
B10d værdi	24.000 aktiveringer

SELECTION TABLE

Switch Type	NO	NC	Integrated signal lamp	Temperaturområde -40 °C ... + 70 °C	Ventilationsmembran
HEN 001	1	1			
HEN 002	2	2			
HEN 004	1	1	x		
HEN 005	2	2	x		
HEN 018	2	2			x
HEN 701	1	1		x	
HEN 702	2	2		x	

MONTERING

Pull-rope emergency stop switches of types HEN are each fastened to the substructure in installation position with 2 M8 screws, centered between the anchor hook 3 of the pull-rope system (see the mounting diagram).

Electrical connection is performed with the device open using the screwed cable gland included in the delivery, directly on the screw joints of the switching elements and the lamp fitting (option) as well as the protective conductor connection. The pull-rope 1 is tensioned by tension springs 2 between the anchor hooks 3 and fastened at the red release lever.

After the tension springs 2 have been adjusted, the actuation force and path for triggering the switch must be tested to ensure compliance with specified requirements.

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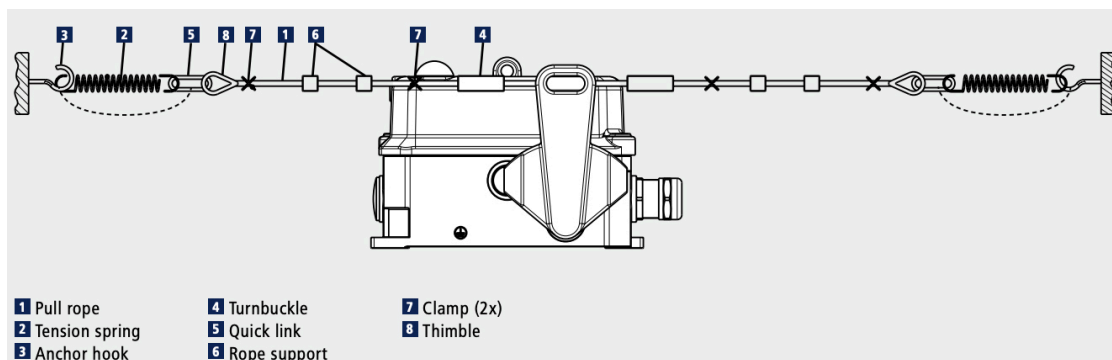
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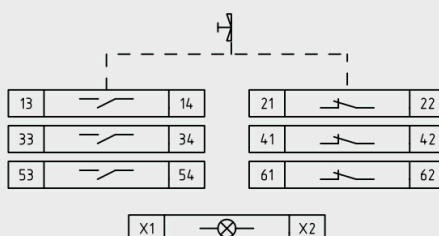
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MONTERINGSDIAGRAM

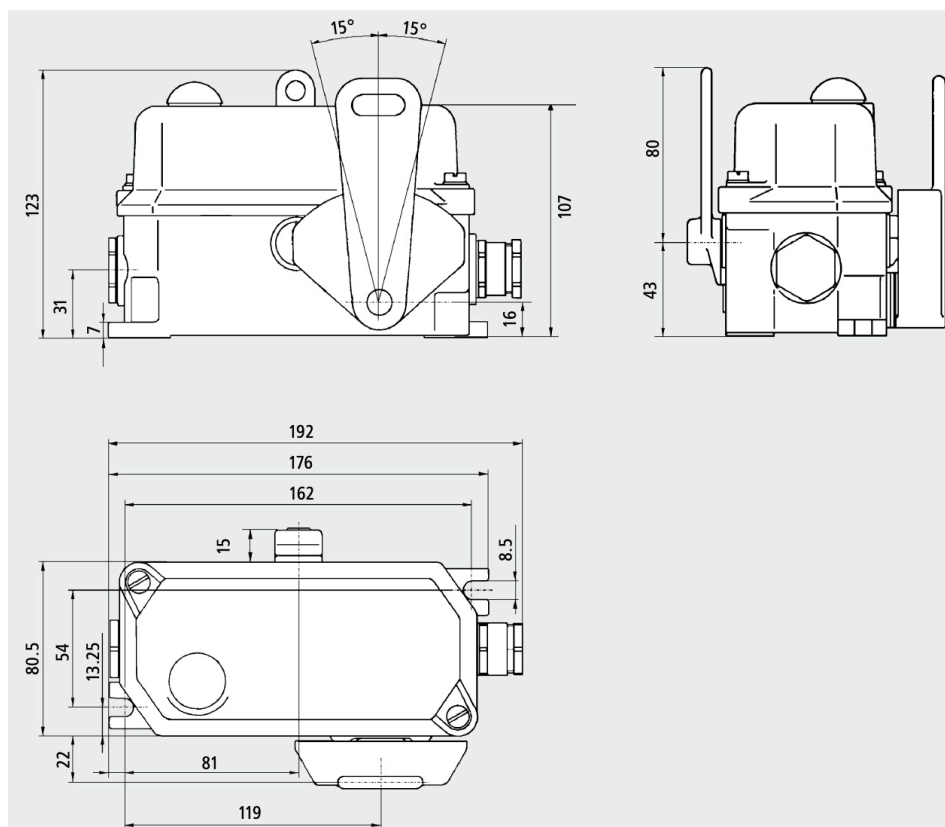


CONNECTION DRAWING

Switching elements in accordance with DIN EN 60617
(the maximum configuration is shown)



DIMENSIONER



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