



# Sicherheitsschalter für Förderband- und Krananlagen

## Safety Switches for belt conveyor and crane systems



# DUK

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# Pull Cord Switch

## LHPEw-xx/x-B

## LHPw-xx/x-B



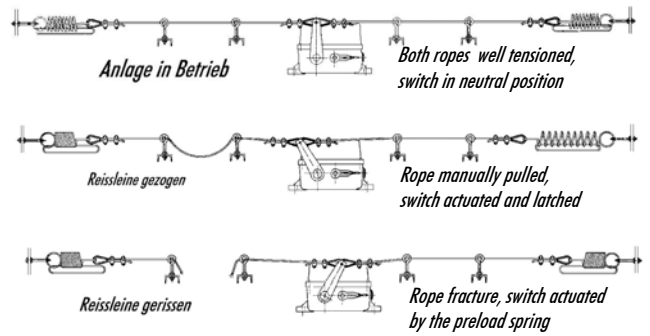
### Selection table

Switch type	Contacts		Contact surface
	NC	NO	
<b>FRP (BMC) enclosure</b>			
LHPEw-10/1-B	1	1	Silver
LHPEw-18/1-B	2	-	Silver
LHPEw-10/2-B	2	2	Silver
LHPEw-18/2-B	4	-	Silver
LHPw-10/3-B	3	3	Silver
LHPw-10/4-B	4	4	Silver
<b>Cast iron enclosure</b>			
LHMEw-10/1-B	1	1	Silver
LHMEw-18/1-B	2	-	Silver
LHMEw-10/2-B	2	2	Silver
LHMEw-18/2-B	4	-	Silver
LHMw-10/3-B	3	3	Silver
LHMw-10/4-B	4	4	Silver
LHMEw-13/1-B	1	1	Gold
LHMEw-19/1-B	2	-	Gold
LHMEw-13/2-B	2	2	Gold
LHMEw-19/2-B	4	-	Gold
LHPw-13/3-B	3	3	Gold
LHPw-13/4-B	4	4	Gold

### Cast iron enclosure

LHMEw-10/1-B	1	1	Silver
LHMEw-18/1-B	2	-	Silver
LHMEw-10/2-B	2	2	Silver
LHMEw-18/2-B	4	-	Silver
LHMw-10/3-B	3	3	Silver
LHMw-10/4-B	4	4	Silver
LHMEw-13/1-B	1	1	Gold
LHMEw-19/1-B	2	-	Gold
LHMEw-13/2-B	2	2	Gold
LHMEw-19/2-B	4	-	Gold
LHMw-13/3-B	3	3	Gold
LHMw-13/4-B	4	4	Gold

The demands of the European standards EN 60947-5 and DIN EN 418 for automatic emergency stop command due to rope fracture are fulfilled when used in combination with preload springs SPF-W



### Technical Data

**According to standards** EN 60 947 / UVV-VBG10/ DIN EN 418 if equipped with 2 pretensioning springs type SPF-W

**I<sub>th</sub> (thermal current)** 10A

**Rating** Silver: 400VAC 6A / 230VAC 8A / 24VDC 10A / 80VDC 3 A

**Minimum Current** Gold: 1mA bei 6VDC

**Utilization Category** Silver: AC-15 230V 1A DC-13 110V 0,5A  
Gold: AC-12 230V 250mA DC-12 110V 250mA

**U<sub>i</sub> Rated Insulation Voltage** 400V

**U<sub>imp</sub> Rated Impulse** 4kV

**Certification of micro switches**



**Terminals** Screw, each terminal clamp 1 or 2 cables, each max 2,5mm<sup>2</sup>

**Protection** IP67 according EN 60529

**Cable Entries** 2, each M25-threaded, closed by IP67-protecting plugs

**Housing Material** Fibreglass Reinforced Polyester (LHP...)

Cast Iron (LHM...)

**Colours** yellow RAL 1003 or red RAL 3000

**Weight / Mass** approx. 2.2 kg (LHP...), 5.9 kg (LHM...)

**Mounting position** free

**Ambient operation temperature** - 40°C up to +85°C (-55°C on request)

**Values for calculation of SIL or PL according EN 13849 and IEC 61508:**

**B<sub>10</sub>** 80000 cycles

**Share of dangerous faults** 0,2

