

## Components

### Catalog number explanation

#### 30mm, IP 65, UL Type 4



LS35P40B11

#### Casings with contact block and angular motion head (without actuator)

	<b>LS</b>	<b>35</b>	<b>P</b>	<b>40</b>	<b>B11</b>	
Limit Switch .....	LS					
Casing width 30 mm .....		3				
<b>Cable inlet</b>						
1 cable inlet for Pg 13.5 cable gland .....				0		
1 cable inlet for Pg 11 cable gland .....				1		
1 cable inlet by 1/2" NPT plastic adaptor .....				5		
Plastic casing .....			P			
<b>Operating heads (without actuator)</b>						
With angular movement for non-adjustable roller levers .....				40		
With angular movement for adjustable roller or rod levers .....				50		
						<b>Contacts</b>
						11 ..... 1 N.O. + 1 N.C. contacts
						02 ..... 2 N.C. contacts
						20 ..... 2 N.O. contacts
						<b>Snap action</b>
						B ..... Zb Snap
						<b>Dependent (slow) action</b>
						L ..... Zb Slow / Simultaneous
						D ..... Zb Non-overlapping late make
						C ..... Zb Overlapping early make

#### Separate actuators (lever, key)



LSA30X41

	<b>LS</b>	<b>A</b>	<b>30</b>	<b>X</b>	<b>41</b>	
Limit Switch .....	LS					
Actuator (lever, key) .....		A				
Casing width: 30 mm .....			30			
						<b>Actuator:</b>
						05, 06 ..... key
						41, 42 ..... non-adjustable roller lever
						51, 52 ..... adjustable roller lever
						71, 72, 73, 74 ..... adjustable rod lever
						<b>For casing of:</b>
						M ..... Metal
						P ..... Plastic
						X ..... Plastic or metal

#### Separate contact blocks



LSC30XD11

	<b>LS</b>	<b>C</b>	<b>30</b>	<b>X</b>	<b>D</b>	<b>11</b>	
Limit Switch .....	LS						
Contact blocks .....		C					
Casing width 30 mm .....			30				
<b>For casing of:</b>							
Metal .....					M		
Plastic .....					P		
Plastic or metal .....					X		
							<b>Contacts</b>
							11 ..... 1 N.O. + 1 N.C. contacts
							02 ..... 2 N.C. contacts
							20 ..... 2 N.O. contacts
							<b>Snap action</b>
							B ..... Zb Snap
							<b>Dependent (slow) action</b>
							L ..... Zb Slow / Simultaneous
							D ..... Zb Non-overlapping late make
							C ..... Zb Overlapping early make

# Components

## Selection guide

### 30mm, IP 65, UL Type 4

#### Non-adjustable actuators



LSA30X42 ⊗



LSA30X41 ⊗ (A Shape)

Roller levers (non-adjustable)

#### Adjustable actuators



LSA30X52 ⊗



LSA30X51 ⊗

Adjustable roller levers



LSA30X71 ⊗

Adjustable rod levers



LSA30X72 ⊗



LSA30X73 ⊗



LSA30X74 ⊗

#### Casings



**LS35P40 casings** (equipped with angular motion head) for roller levers (**non-adjustable**)

- ⊕ LS35P40B11, LS35P40D11, LS35P40C11, LS35P40L02, LS35P40B02
- ⊗ LS35P40L20



**LS30P50 ... LS35P50** (equipped with angular motion head) for **adjustable** roller or rod levers

- ⊗ LS35P50B11, LS35P50D11, LS35P50C11, LS35P50L02, LS35P50L20, LS35P50B02

#### Contact blocks



- ⊕ LSC30XB11, LSC30XD11, LSC30XC11, LSC30XL02, LSC30XB02
- ⊗ LSC30XL20

⊕ Suitable for positive opening operation (IEC 60947-5-1 and EN 50041).

**Warning!** The positive opening operation of limit switch is only guaranteed if the elements noted with ⊕ are fitted.

## Components

### Casings with angular motion head 30mm, IP 65, UL Type 4



LS35P40B11

⊖ "N.C." contact with positive opening operation or element (subassembly, head, lever) suitable for positive opening operation.

**Warning! The positive opening operation of limit switch is only guaranteed if the elements noted with ⊖ are fitted.**

#### Casings with angular motion head for non-adjustable roller levers, delivered without actuator

Contact blocks						Positive opening operation	Actuation speed max. m/s	Unit weight oz. (1 pc)	Catalog number
B11	D11	C11	L02	L20	B02				
1						⊖	1.5	3.24	LS35P40B11
	1					⊖	1.5	3.24	LS35P40D11
		1				⊖	1.5	3.24	LS35P40C11
			1			⊖	1.5	3.24	LS35P40L02
				1		⊗	1.5	3.24	LS35P40L20
					1	⊖	1.5	3.24	LS35P40B02

#### Casings with angular motion head for adjustable rod or roller levers, delivered without actuator

Contact blocks						Positive opening operation	Actuation speed max. m/s	Unit weight oz (1 pc)	Catalog number
B11	D11	C11	L02	L20	B02				
1						⊗	1.5	3.24	LS35P50B11
	1					⊗	1.5	3.24	LS35P50D11
		1				⊗	1.5	3.24	LS35P50C11
			1			⊗	1.5	3.24	LS35P50L02
				1		⊗	1.5	3.24	LS35P50L20
					1	⊗	1.5	3.24	LS35P50B02

#### Actuators for LS35P40 (delivered with M3.5 screw)

##### To be actuated by 30° cam

ø 18mm polyamide roller lever ⊕

ø 45mm rubber roller lever ⊕

⊖

⊗

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0.42

0.91

LSA30X41

LSA30X42

#### Actuators for LS35P50 (delivered with M3.5 screw and adaptation parts)

##### To be actuated by 30° cam

ø 18mm adjustable polyamide roller lever ⊕

ø 45mm adjustable rubber roller lever ⊕

⊗

⊗

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0.77

1.23

LSA30X51

LSA30X52

##### To be actuated by fully directional translation movement

ø 3mm adjustable inox rod lever, 170mm ⊕

ø 3mm adjustable fiberglass rod lever, 170mm ⊕

ø 6mm adjustable polyamide rod lever, 195mm ⊕

ø 6mm adjustable fiberglass rod lever, 195mm ⊕

⊗

⊗

⊗

⊗

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0.74

0.52

0.63

0.77

LSA30X71

LSA30X72

LSA30X73

LSA30X74

#### Right angle key for LS35P15

Right angle key (mounting 13mm)

⊖

—

0.45

LSA30P05

#### Straight key for LS35P16

Straight key (mounting 13mm)

⊖

—

0.45

LSA30P06

#### Separate contact blocks

1 NC & 1 NO 2-pole snap action

1 NC & 1 NO 2-pole non-overlapping slow action

1 NO & 1 NC 2-pole non-overlapping slow action

2 NC 2-pole simultaneous slow action

2 NO 2-pole simultaneous slow action

2 NC 2-pole snap action

⊖

⊖

⊖

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⊖

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0.88

0.88

0.88

0.88

0.88

0.88

LSC30XB11

LSC30XD11

LSC30XC11

LSC30XL02

LSC30XL20

LSC30XB02

#### 1/2" NPT plastic adaptors

1 piece

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0.24

LSR1305



LSA30X41



LSA30X42



LSA30X51



LSA30X71



LSC30XD11



LSR1305

⊕ Free position adjustment of lever 10° by 10° over 360°.