

## Components

### 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 M16 x 1.5 for ISO 16 cable gland .....		2				
1 cable inlet M20 x 1.5 for ISO 20 cable gland .....		3				
1 cable inlet by 1/2" NPT plastic adaptor .....		5				
<b>Plastic casing</b> .....			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)

	<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>Reference of actuators</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</b>
						M ..... Metal
						P ..... Plastic
						X ..... Plastic or metal



LSA30X41

#### Separate contact blocks

	<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:</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



LSC30XD11

# Components

## 30mm, IP 65, UL Type 4

Plastic  
Limit switches

- Casings equipped with angular motion head (without actuator)
- Separate actuators
- Separate contact blocks



LSA30X42



LSA30X41 (A Shape)

Roller levers (non-adjustable)



LSA30X52



LSA30X51

Adjustable roller levers



LSA30X71

LSA30X72

Adjustable rod levers



LSA30X73



LSA30X74



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

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



LS30P50 ... LS35P50 casings 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

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

⊖ "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.



LS35P40B11

#### 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 kg (1 pc)	Catalog number	List price
B11	D11	C11	L02	L20	B02					
1						⊖	1.5	0.092	LS35P40B11	\$ 23
	1					⊖	1.5	0.092	LS35P40D11	24
		1				⊖	1.5	0.092	LS35P40C11	25
			1			⊖	1.5	0.092	LS35P40L02	25
				1		⊗	1.5	0.092	LS35P40L20	25
					1	⊖	1.5	0.092	LS35P40B02	25

# Components

## 30mm, IP 65, UL Type 4



⊕ "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.



LS35P50B11



LSA30X41



LSA30X42



LSA30X51



LSA30X71



LSA30P05



LSA30P06



LSC30XD11



LSR1305

### 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 kg (1 pc)	Catalog number	List price
B11	D11	C11	L02	L20	B02					
1						⊗	1.5	0.092	LS35P50B11	\$ 23
	1					⊗	1.5	0.092	LS35P50D11	24
		1				⊗	1.5	0.092	LS35P50C11	25
			1			⊗	1.5	0.092	LS35P50L02	25
				1		⊗	1.5	0.092	LS35P50L20	25
					1	⊗	1.5	0.092	LS35P50B02	25

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

#### To be actuated by 30° cam

- ⊕ ø 18mm polyamide roller lever ①
- ⊗ ø 45mm rubber roller lever ①

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

#### To be actuated by 30° cam

- ⊗ ø 18mm adjustable polyamide roller lever ①
- ⊗ ø 45mm adjustable rubber roller lever ①

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

- ⊗ ø 3mm adjustable inox rod lever, 170mm ①
- ⊗ ø 3mm adjustable fiberglass rod lever, 170mm ①
- ⊗ ø 6mm adjustable polyamide rod lever, 195mm ①
- ⊗ ø 6mm adjustable fiberglass rod lever, 195mm ①

### Right angle key for LS35P15

- ⊕ Right angle key (mounting 13mm)

### Straight key for LS35P16

- ⊕ Straight key (mounting 13mm)

### 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

### 1/2" NPT plastic adaptors

- 1 piece

① Free position adjustment of lever 10° by 10° over 360°.