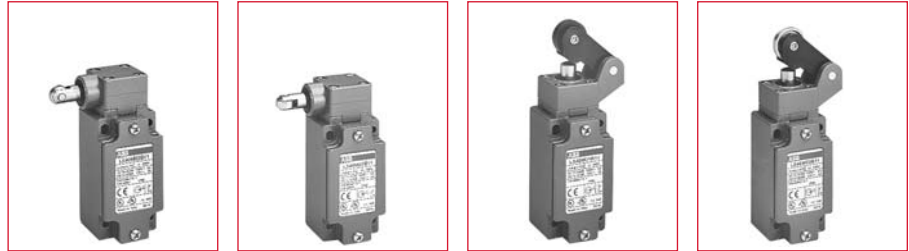


# Assembled IP66, UL Type 4X 40mm

Metal  
Limit switches

## Movement to be detected

## 30° Cam translation movement



## Operating head type

	Lateral plunger with vertical roller	Lateral plunger with horizontal roller	ø 22 Polyamide roller lever	ø 22 Stainless steel roller lever
Conformity / (N.C. contact with positive opening operation)	EN 50 041	EN 50 041		
Maximum actuation speed m/s	0.5	0.5	1.5	1.5
Min. force: - actuation	N 30	N 30	12	12
- positive opening operation	N 70	N 70	40	40

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Contacts	Catalog number	List price	LS45M22B11	LS45M23B11	LS45M31B11	LS45M32B11
Snap action contacts 13-14, 21-22, Zb	Catalog number	List price	LS45M22B11	LS45M23B11	LS45M31B11	LS45M32B11
	List price		\$ 45	\$ 45	\$ 43	\$ 50
Operation diagram			0 1.6 3.8 9.0 13.0 mm	0 1.6 3.8 9.0 13.0 mm	0 1.9 4.6 10.9 15.8 mm	0 1.9 4.6 10.9 15.8 mm
Non-overlapping Slow action contacts 13-14, 21-22, Zb	Catalog number	List price	LS45M22D11	LS45M23D11	LS45M31D11	LS45M32D11
	List price		48	48	46	53
Operation diagram			0 4.2 8.1 18.1 mm	0 4.2 8.1 18.1 mm	0 3.0 5.8 13.0 mm	0 3.0 5.8 13.0 mm
Overlapping Slow action contacts 13-14, 21-22, Zb	Catalog number	List price	LS45M22C11	LS45M23C11	LS45M31C11	LS45M32C11
	List price		50	50	47	55
Operation diagram			0 7.2 11.1 18.1 mm	0 7.2 11.1 18.1 mm	0 5.2 8.0 13.0 mm	0 5.2 8.0 13.0 mm
Slow action contacts 11-12, 21-22, Zb	Catalog number	List price	LS45M22L02	LS45M23L02	LS45M31L02	LS45M32L02
	List price		50	50	47	55
Operation diagram			0 3.6 7.5 18.1 mm	0 3.6 7.5 18.1 mm	0 2.6 5.4 13.0 mm	0 2.6 5.4 13.0 mm
Slow action contacts 13-14, 23-24, Zb	Catalog number	List price	LS45M22L20	LS45M23L20	LS45M31L20	LS45M32L20
	List price		50	50	47	55
Operation diagram			0 3.6 18.1 mm	0 3.6 18.1 mm	0 2.6 13.0 mm	0 2.6 13.0 mm
Snap action contacts 11-12, 21-22, Zb	Catalog number	List price	LS45M22B02	LS45M23B02	LS45M31B02	LS45M32B02
	List price		50	50	47	55
Operation diagram			0 1.6 3.8 9.0 13.0 mm	0 1.6 3.8 9.0 13.0 mm	0 1.9 4.6 10.9 15.8 mm	0 1.9 4.6 10.9 15.8 mm
Weight (packing per unit)	kg		0.265	0.265	0.275	0.280

## Dimensions (mm)

