

2.3

Limit Switches

LS-Titan Miniature DIN Switches

LS-Titan Metal Safety Switches

2

Metal Safety Switch Body



Assembled Switch



Metal Safety Switches

Switch Body Catalog Number

Output Function

Terminal Connection

Contact Sequence

Contact Travel

■ = contact closed

□ = contact open

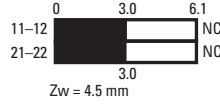
Operating Head Type ①

Head Only Catalog Number

LSM-02

2NC with positive opening contacts

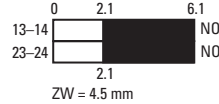
Cage Clamp



LSM-20A

2NO with slow make/break

Cage Clamp



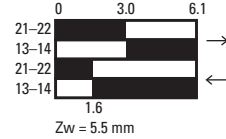
LSM-11S

1NO and 1NC with positive opening contact

Cage Clamp



Snap-action contact



Top Push Roller Plunger



LSM-XP

LSM-02-P

LSM-20A-P

LSM-11S-P

Long Roller Lever



LSM-XL

LSM-02-L

LSM-20A-L

LSM-11S-L

Angled Roller



LSM-XLA

LSM-02-LA

LSM-20A-LA

LSM-11S-LA

Rotary Lever



LSM-XRL

LSM-02-RL

LSM-20A-RL

LSM-11S-RL

Adjustable Roller Lever



LSM-XRLA

LSM-02-RLA

LSM-20A-RLA

LSM-11S-RLA

Note

① For operating head dimensions, see **Page V8-T2-40**.

Metal Safety Switches, continued

Metal Safety Switch Body



Assembled Switch



Switch Body Catalog Number

Output Function

Terminal Connection

Contact Sequence

Contact Travel

■ = contact closed

□ = contact open

Operating Head Type ①

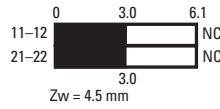
Head Only

Catalog Number

LSM-02

2NC with positive opening contacts

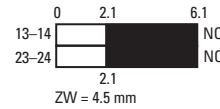
Cage Clamp



LSM-20A

2NO with slow make/break

Cage Clamp



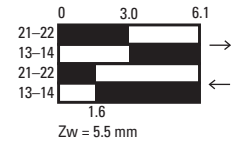
LSM-11S

1NO and 1NC with positive opening contact

Cage Clamp



Snap-action contact



Plastic Rod Lever



LSM-XRR

LSM-02-RR

LSM-20A-RR

LSM-11S-RR

Metal Rod Lever



LSM-XRRM

LSM-02-RRM

LSM-20A-RRM

LSM-11S-RRM

Spring Rod (Wobble)



LSM-XS

LSM-02-S

LSM-20A-S

LSM-11S-S

Note

① For operating head dimensions, see **Page V8-T2-40**.

2.3

Limit Switches

LS-Titan Miniature DIN Switches

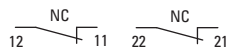
LS and LSM

2

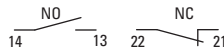
Contact Travel

■ = contact closed
□ = contact open

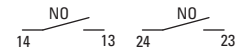
LS-02, LS-S02, LSM-02



LS-11S, LS-S11S, LSM-11S

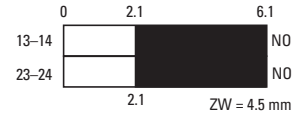
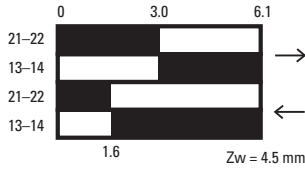
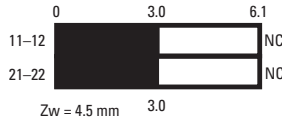


LS-20A, LS-S20A, LSM-20A



Description

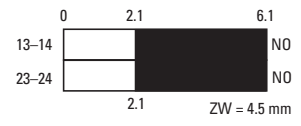
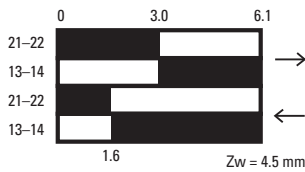
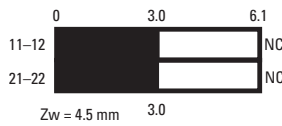
Basic Units



Operating Heads

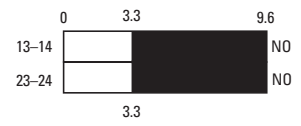
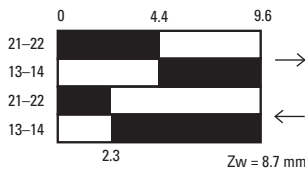
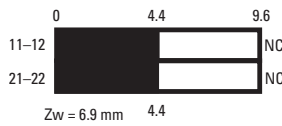
Roller plunger

LS-XP, LSM-XP



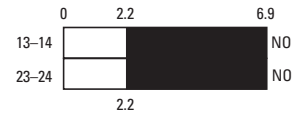
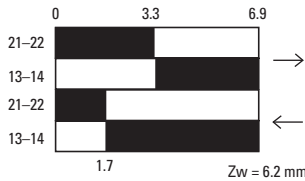
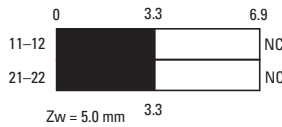
Roller lever

LS-XL, LSM-XL



Roller lever, short

LS-XLS



Roller lever, large

LS-XLB

