

Plastic-bodied
Rope Pull switch
S/Si

Protection class IP 65



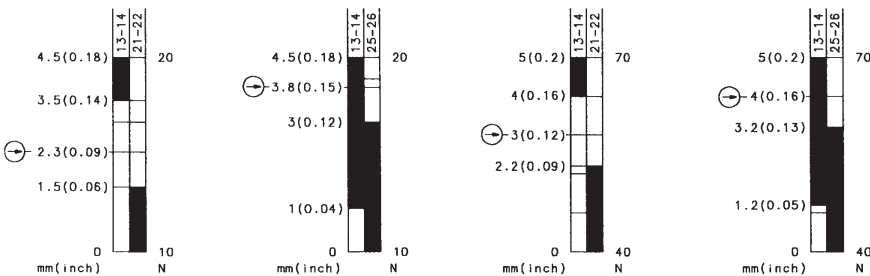
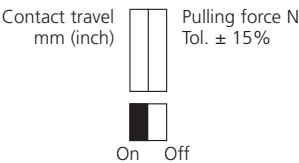
Metal-bodied
Rope Pull switch
S/Si

Protection class IP 65



Designation
Part number
Circuit diagram
⊕ Forced disconnect to IEC 947-5-1 chapter 3
Za: not galvanically separated contacts
Zb: galvanically separated contacts
Slow make & break/snap-action
Internal seal (iw)/external seal (w)

Si-U1Z	SiL-UV1Z	SEK-U1Z	SiEK-UV1Z
601.3812.075	601.3832.076	601.1811.133	601.1831.134
⊕ Zb	⊕ Zb	⊕ Zb	⊕ Zb
●/-	●/-	●/-	●/-
-	-	-	-



Voltage	max.
Permanent current	max.
In-rush current complies with standards	
Switching frequency	max.
Mechanical life – number of switching actions	
Operating temperature	min./max.

500 V AC	500 V AC	500 V AC	500 V AC
10 A	10 A	10 A	10 A
●	●	●	●
50/min.	50/min.	50/min.	50/min.
1 x 10 ⁶	1 x 10 ⁶	1 x 10 ⁶	1 x 10 ⁶
-30 °C/+80 °C	-30 °C/+80 °C	-30 °C/+80 °C	-30 °C/+80 °C
-22 °F/+176 °F	-22 °F/+176 °F	-22 °F/+176 °F	-22 °F/+176 °F

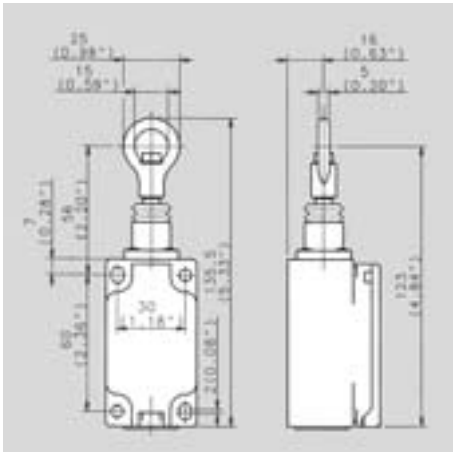
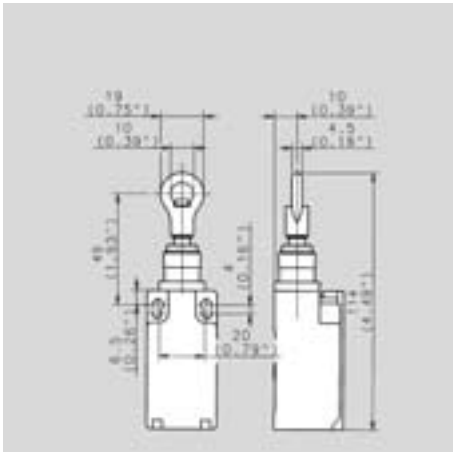
Approvals

UL, CSA	UL, CSA	BG, UL, CSA	BG, UL, CSA
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Cable entry
Weight
Delivery: ex-stock/built to order

1 x M 20 x 1.5	1 x M 20 x 1.5	1 x M 20 x 1.5	1 x M 20 x 1.5
0.09 kg/0.20 lb	0.09 kg/0.20 lb	0.17 kg/0.37 lb	0.17 kg/0.37 lb
●/-	●/-	●/-	●/-

All dimensions in mm (inch)





SEM2-U1Z

SIEM2-UV1Z

SIEM2-UV1Z Rast

SD-U1

SD-U1

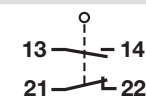
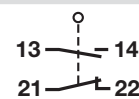
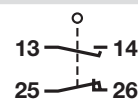
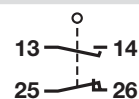
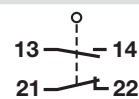
601.2811.029

601.2831.022

601.2831.023

601.1411.856

611.1411.029



⊕ Zb

⊕ Zb

⊕ Zb

●/-

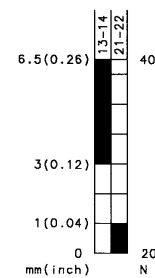
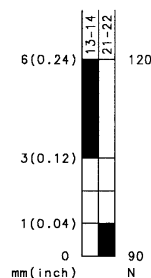
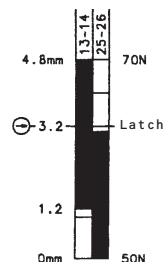
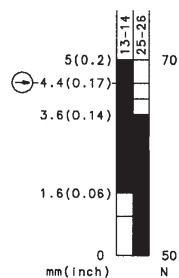
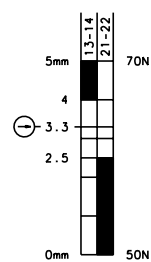
●/-

●

-

-

●/-



400 V AC

400 V AC

400 V AC

500 V AC

500 V AC

10 A

10 A

10 A

16 A

16 A

●

●

●

●

●

50/min.

50/min.

17/min.

50/min.

50/min.

1 x 10⁶1 x 10⁶1 x 10⁶1 x 10⁶1 x 10⁶

-30 °C/+80 °C

-30 °C/+80 °C

-30 °C/+80 °C

-30 °C/+80 °C

-30 °C/+80 °C

-22 °F/+176 °F

-22 °F/+176 °F

-22 °F/+176 °F

-22 °F/+176 °F

-22 °F/+176 °F

BG, UL, CSA

BG, UL, CSA

BG, UL, CSA

UL, CSA

UL, CSA

1 x M 20 x 1.5

1 x M 20 x 1.5

1 x M 20 x 1.5

2 x M 20 x 1.5

2 x M 20 x 1.5

0.22 kg/0.49 lb

0.22 kg/0.49 lb

0.26 kg/0.57 lb

0.33 kg/0.73 lb

0.33 kg/0.73 lb

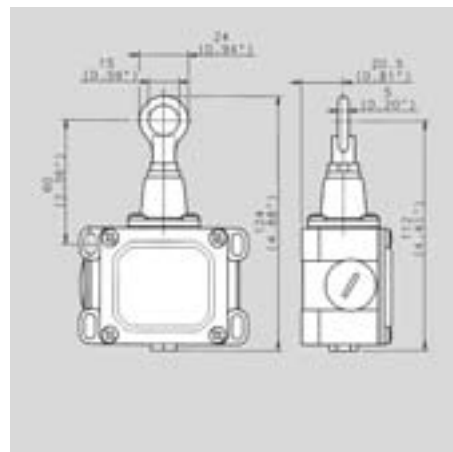
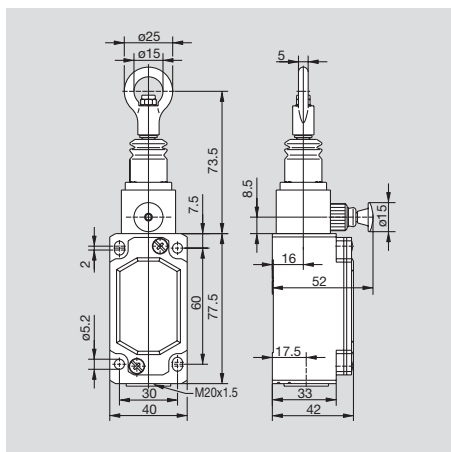
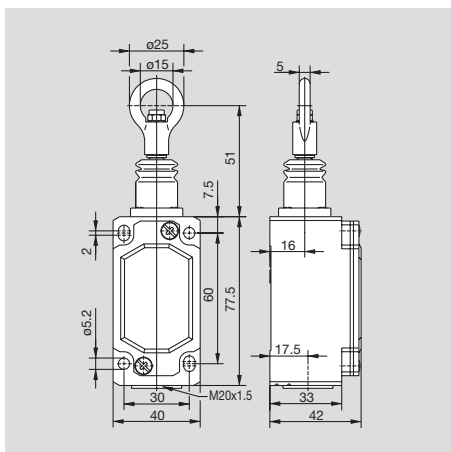
●/-

●/-

●/-

●/-

●/-

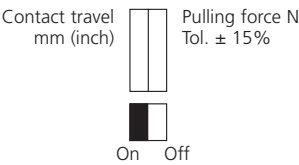


Metal-bodied
Rope Pull switch
S/Si

Protection class IP 65



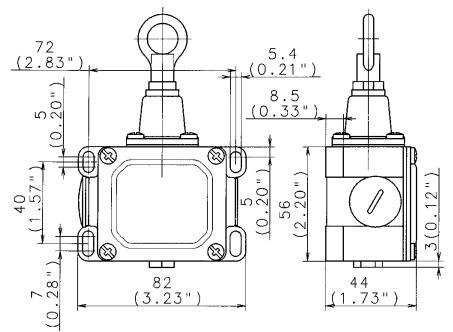
Designation
Part number
Circuit diagram
⊕ Forced disconnect to IEC 947-5-1 chapter 3
Za: not galvanically separated contacts
Zb: galvanically separated contacts
Slow make & break/snap-action
Internal seal (iw)/external seal (w)



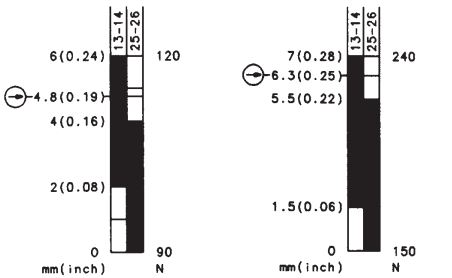
Voltage	max.
Permanent current	max.
In-rush current complies with standards	
Switching frequency	max.
Mechanical life – number of switching actions	
Operating temperature	min./max.

Approvals
Cable entry
Weight
Delivery: ex-stock/built to order

All dimensions in mm (inch)

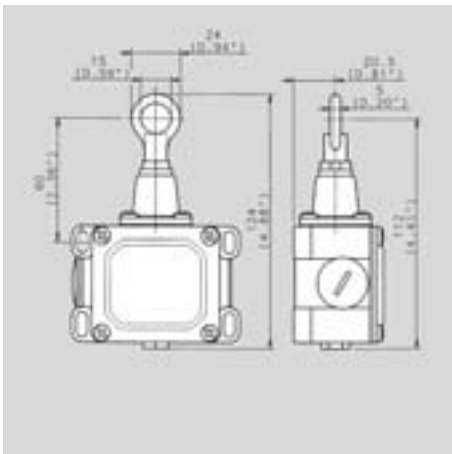


SiD-UV1Z	SiD-UV1Z
601.1431.857	611.1431.022
⊕ Zb	⊕ Zb
●/-	●/-

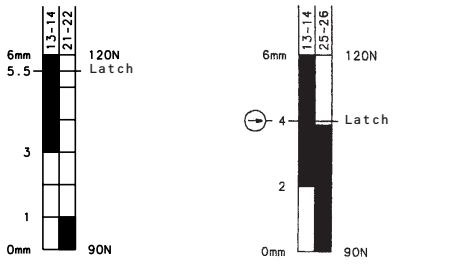


400 V AC	400 V AC
16 A	16 A
●	●
50/min.	50/min.
1 x 10 ⁶	1 x 10 ⁶
-30 °C/+80 °C	-30 °C/+80 °C
-22 °F/+176 °F	-22 °F/+176 °F

UL, CSA	UL, CSA
2 x M 20 x 1.5	2 x M 20 x 1.5
0.33 kg/0.73 lb	0.33 kg/0.73 lb
●/-	●/-

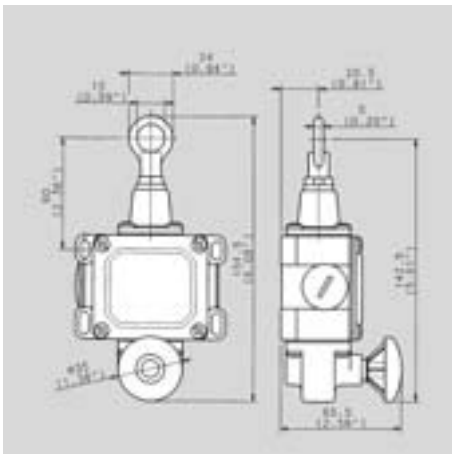


SD-U1	SiD-UV1Z Rast
601.1411.868	601.1431.869
–	⊕ Zb
●/-	●/-



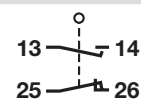
500 V AC	400 V AC
16 A	16 A
●	●
20/min.	20/min.
1 x 10 ⁶	1 x 10 ⁶
-30 °C/+80 °C	-30 °C/+80 °C
-22 °F/+176 °F	-22 °F/+176 °F

UL, CSA	UL, CSA
2 x M 20 x 1.5	2 x M 20 x 1.5
0.49 kg/1.08 lb	0.49 kg/1.08 lb
●/-	●/-



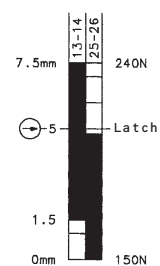


SI-D-UV1Z Rast
611.1431.060

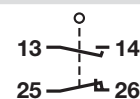


⊕ Zb

●/-
●

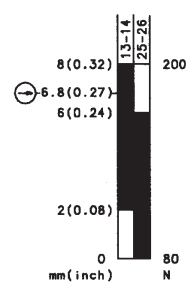


SI-D-UV1Z
601.2431.877

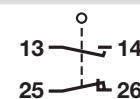


⊕ Zb

●/-
-

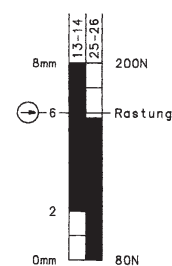


SI-D-UV1Z Rast
601.2431.883

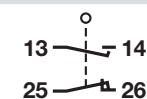


⊕ Zb

●/-
●

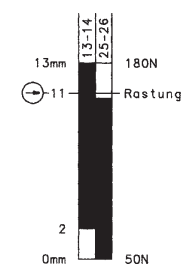


SI-D-UV1Z Rast
611.2431.050



⊕ Zb

●/-
●



400 V AC
16 A

●

500 V AC
16 A

●

500 V AC
16 A

●

500 V AC
16 A

●

20/min.

1 x 10⁶

-30 °C/+80 °C

-22 °F/+176 °F

UL, CSA

2 x M 20 x 1.5

0.53 kg/1.17 lb

●/-

50/min.

1 x 10⁶

-30 °C/+80 °C

-22 °F/+176 °F

UL, CSA

2 x M 20 x 1.5

0.47 kg/1.04 lb

●/-

20/min.

1 x 10⁶

-30 °C/+80 °C

-22 °F/+176 °F

UL, CSA

2 x M 20 x 1.5

0.70 kg/1.54 lb

●/-

20/min.

1 x 10⁶

-30 °C/+80 °C

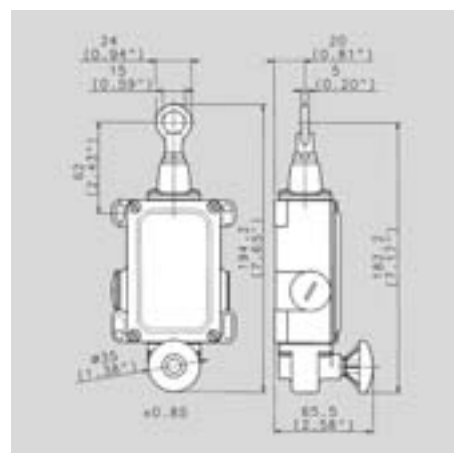
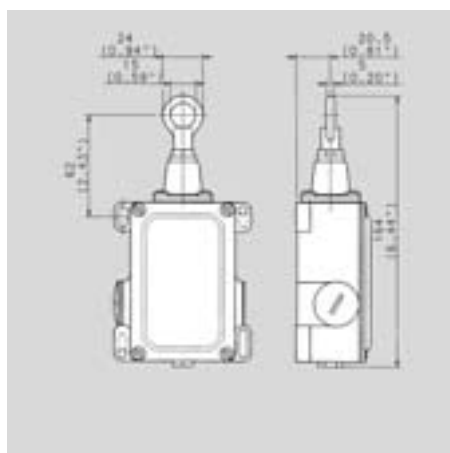
-22 °F/+176 °F

UL, CSA

2 x M 20 x 1.5

0.64 kg/1.41 lb

●/-

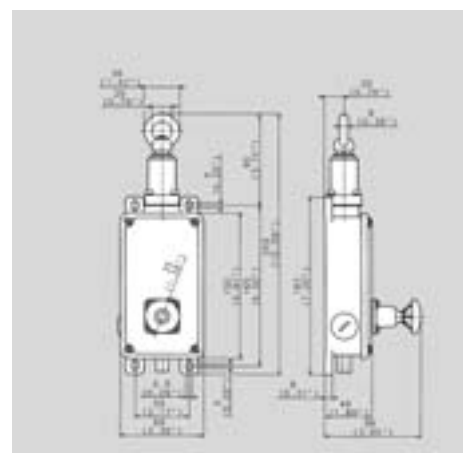
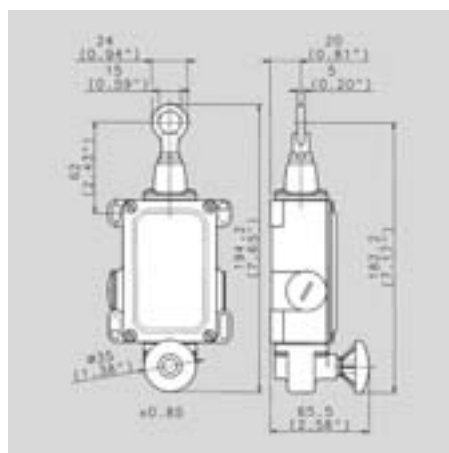


Protection class IP 65



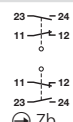
Designation		SiD-SV2Z Rast	SiD-UV1Z/E1 Rast	SiN-UV1Z P-Rast
Part number		601.2441.907	611.2461.041	601.3531.367
Circuit diagram				
Ⓢ Forced disconnect to IEC 947-5-1 chapter 3 Za: not galvanically separated contacts Zb: galvanically separated contacts				
Slow make & break/snap-action				
Internal seal (iw)/external seal (w)				
Contact travel mm (inch) Pulling force N Tol. ± 15%				
Voltage Permanent current In-rush current complies with standards Switching frequency Mechanical life – number of switching actions Operating temperature		400 V AC 16 A 20/min. 1×10^6 –30 °C/+80 °C –22 °F/+176 °F	400 V AC 16 A 20/min. 1×10^6 –30 °C/+80 °C –22 °F/+176 °F	500 V AC 16 A 20/min. 1×10^6 –30 °C/+80 °C –22 °F/+176 °F
Approvals		UL, CSA	UL, CSA	UL, CSA
Cable entry		2 x M 20 x 1.5	2 x M 20 x 1.5	2 x M 20 x 1.5
Weight		0.70 kg/1.54 lb	0.70 kg/1.54 lb	1.30 kg/2.87 lb
Delivery: ex-stock/built to order		●/–	●/–	●/–

All dimensions in mm (inch)



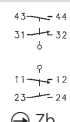


Si1-U2Z AK R-Rast
601.4735.001



⊕ Zb
●/-
●

Si1-U1Z/U1Z AK R-Rast
601.4735.025

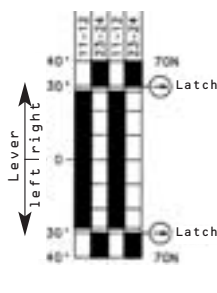
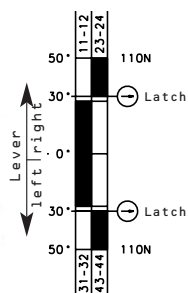
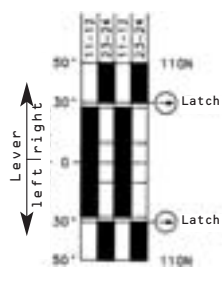


⊕ Zb
●/-
●

Si2-U2Z AK R-Rast
601.5735.002



⊕ Zb
●/-
●



250 V AC
10 A
●

250 V AC
10 A
●

500 V AC
10 A
●

10/min.
1 x 10⁶
-30 °C/+80 °C
-22 °F/+176 °F

10/min.
1 x 10⁶
-30 °C/+80 °C
-22 °F/+176 °F

10/min.
1 x 10⁶
-30 °C/+80 °C
-22 °F/+176 °F

UL, CSA

BG, UL, CSA

UL, CSA

1 x M 20 x 1.5
1.60 kg/3.53 lb
●/-

1 x M 20 x 1.5
1.60 kg/3.53 lb
●/-

3 x M 20 x 1.5
3.80 kg/8.38 lb
●/-

