

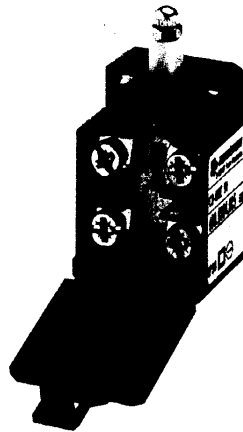
Plastic bodied compact limit switches

Combi C2

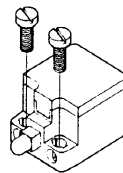
For confined spaces
With two mounting options
Protection class IP 30
With snap-shut, hinged lid



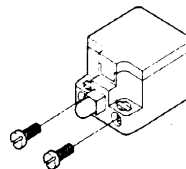
- Compact switches for safety or control applications
- 3 different contact configurations available as slow-action and snap-action
- All normally-closed contacts are positive break $\oplus$
- Two channel safety control possible
- Galvanically isolated terminals, type Zb
- Approvals UL, CSA, BG (applied for)
- Rectangular cable inlets (8.5 x 3.5 mm) for 4 x 1-mm² flexible lead
- 4 screw-type connections (M3,5) with self-lifting clamps
- PBT enclosure, glass-fibre reinforced, self-extinguishing UL 94-V0
- Lid, PC UL 94-V0
- 2 mm contact opening of slow-action system according to EN 81-1 for lift applications



Mounting



a) 2 holes for M4 screws



b) 2 captive M3 nuts for end mounting (depending on type)

Switching elements

Switching element	Switch function	Switch contact	Designation	Voltage	Continuous current
Slow-action	changeover	1NC/1NO	U1Z	250 V	10 A
Snap-action	changeover	1NC/1NO	SU1Z	250 V	10 A
Slow-action	normally-closed	2NC	A2Z	250 V	10 A
Snap-action	normally-closed	2NC	SA2Z	250 V	10 A
Slow-action	normally-open	2NO	E2	250 V	10 A
Snap-action	normally-open	2NO	SE2	250 V	10 A



Designation

Part no.

Switching diagram

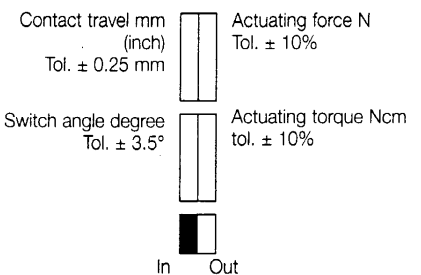
$\oplus$ positive break according to IEC 947-5-1 Chap. 3

Za: changeover contact is not galvanically isolated

Zb: changeover contact is galvanically isolated

Slow-action contact/snap-action contact

Gasket inside (rw)/outside (w)



Voltage	max.
Continuous current	max.
Making current, acc. to IEC 947-5-1 AC 15/DC 13	

Switching frequency	max.
Mech. operational life - number of switching cycles	
Ambient temperature	min./max.

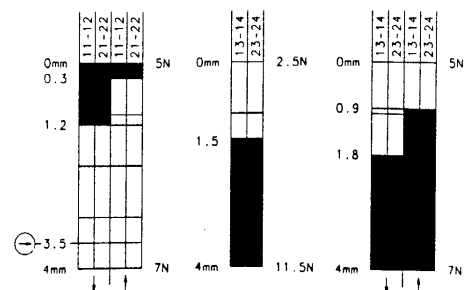
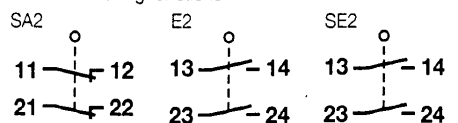
Approvals

(applied for)

Weight

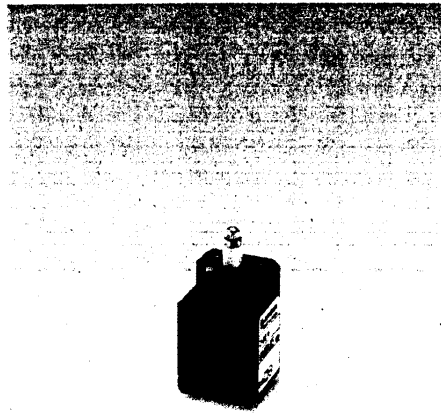
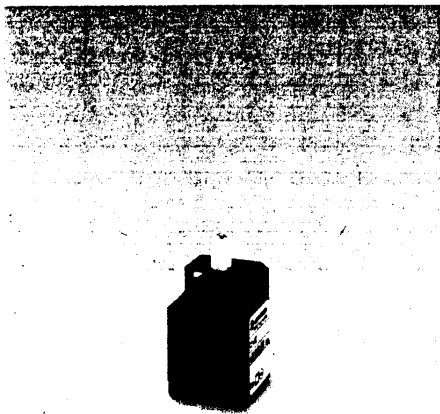
Type of storage/time of delivery as agreed

Further switching functions

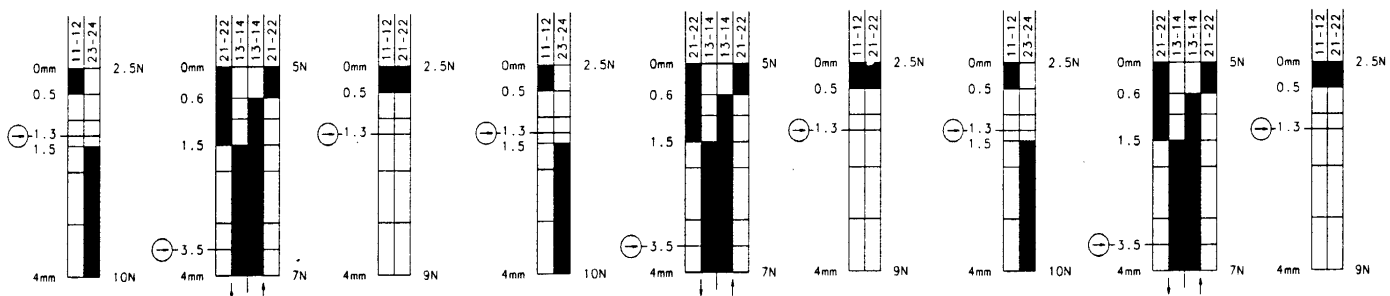


Dimensions

All dimensions in mm (inch)

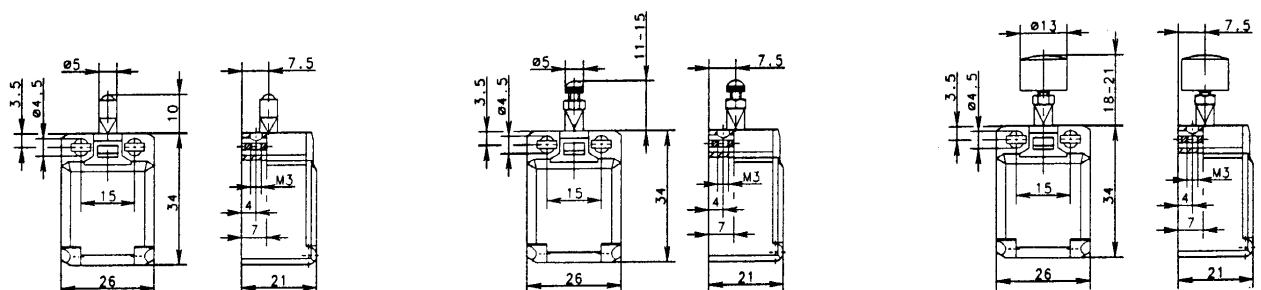


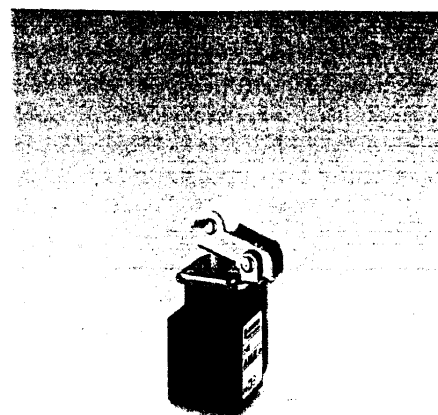
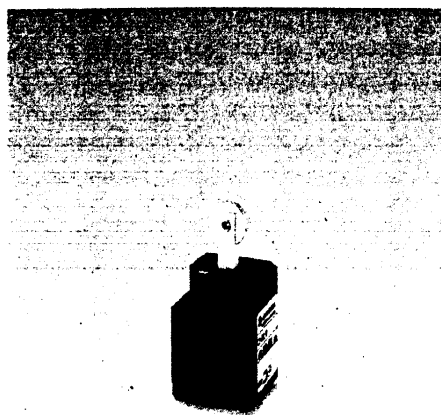
C2-U1Z 600.8101.001	C2-SU1Z 600.8351.002	C2-A2Z 600.8801.003	C2-U1Z St 600.8104.025	C2-SU1Z St 600.8354.026	C2-A2Z St 600.8804.027	C2-U1Z K 600.8107.019	C2-SU1Z K 600.8357.020	C2-A2Z K 600.8807.021
⊕ Zb ●/- -/-	⊕ Zb -/- -/-	⊕ Zb ●/- -/-	⊕ Zb ●/- -/-	⊕ Zb -/- -/-	⊕ Zb ●/- -/-	⊕ Zb ●/- -/-	⊕ Zb -/- -/-	⊕ Zb ●/- -/-



250 V AC 10 A ●	250 V AC 10 A ●	250 V AC 10 A ●	250 V AC 10 A ●	250 V AC 10 A ●	250 V AC 10 A ●	250 V AC 10 A ●	250 V AC 10 A ●	250 V AC 10 A ●
100/min. 3 x 10 ⁶ -30 °C/+80 °C -22 °F/+176 °F	100/min. 3 x 10 ⁶ -30 °C/+80 °C -22 °F/+176 °F	100/min. 3 x 10 ⁶ -30 °C/+80 °C -22 °F/+176 °F	100/min. 3 x 10 ⁶ -30 °C/+80 °C -22 °F/+176 °F	100/min. 3 x 10 ⁶ -30 °C/+80 °C -22 °F/+176 °F	100/min. 3 x 10 ⁶ -30 °C/+80 °C -22 °F/+176 °F	100/min. 3 x 10 ⁶ -30 °C/+80 °C -22 °F/+176 °F	100/min. 3 x 10 ⁶ -30 °C/+80 °C -22 °F/+176 °F	100/min. 3 x 10 ⁶ -30 °C/+80 °C -22 °F/+176 °F

UL, CSA BG 0.02 kg ●/-	UL, CSA BG 0.02 kg ●/-	UL, CSA BG 0.02 kg ●/-	UL, CSA BG 0.02 kg ●/-	UL, CSA BG 0.02 kg ●/-	UL, CSA BG 0.02 kg ●/-	UL, CSA BG 0.02 kg ●/-	UL, CSA BG 0.02 kg ●/-	UL, CSA BG 0.02 kg ●/-
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Designation

Switch part number

Actuator part number

Switching diagram

⊕ positive break according to IEC 947-5-1 Chap. 3

Za: changeover contact is not galvanically isolated

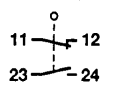
Zb: changeover contact is galvanically isolated

Slow-action contact/snap-action contact

Gasket inside (iw)/outside (w)

C2-U1Z R
600.8116.013

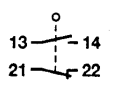
-



⊕ Zb
●/-
-/-

C2-SU1Z R
600.8366.014

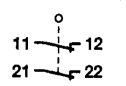
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⊕ Zb
-/-
-/-

C2-A2Z R
600.8816.015

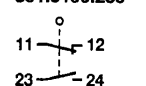
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⊕ Zb
●/-
-/-

C2-U1Z o.M.+H
600.8101.007
391.0190.259

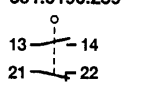
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Zb
●/-
-/-

C2-SU1Z o.M.+H
600.8351.008
391.0190.259

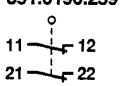
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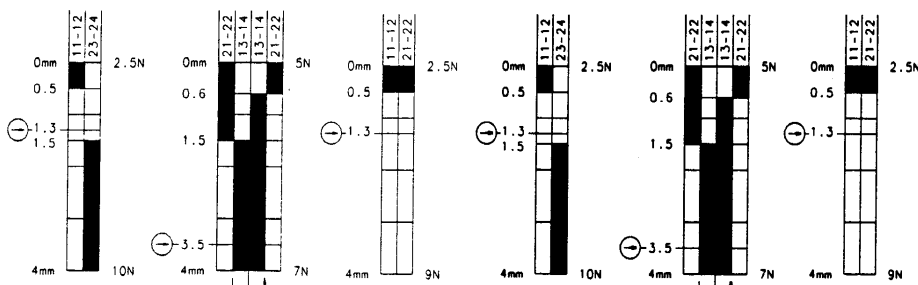
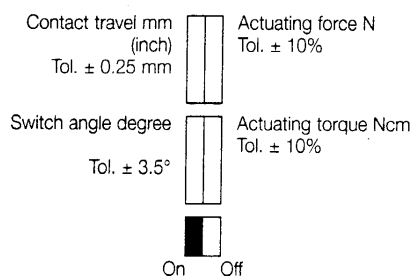
Zb
-/-
-/-

C2-A2Z o.M.+H
600.8801.009
391.0190.259

-



Zb
●/-
-/-



Voltage max.
Continuous current max.
Making current, acc. to IEC 947-5-1 AC 15/DC 13

250 V AC 10 A
250 V AC 10 A
250 V AC 10 A
250 V AC 10 A
250 V AC 10 A
250 V AC 10 A

Switching frequency max.
Mech. operational life – number of switching cycles
Ambient temperature min./max.

100/min. 3 x 10⁶ -30 °C/+80 °C -22 °F/+176 °F
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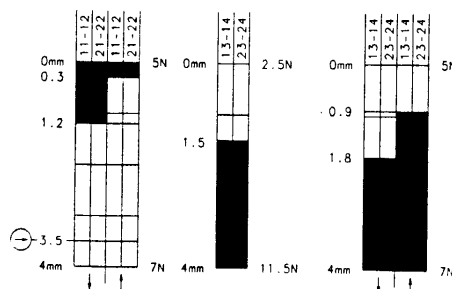
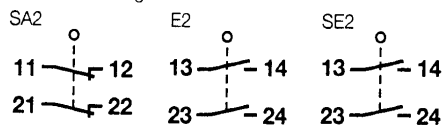
Approvals
(applied for)

Weight

Type of storage/time of delivery as agreed

UL, CSA BG 0.02 kg ●/-
UL, CSA BG 0.02 kg ●/-
UL, CSA BG 0.02 kg ●/-
UL, CSA BG 0.03 kg ●/-
UL, CSA BG 0.03 kg ●/-
UL, CSA BG 0.03 kg ●/-

Further switching functions



Dimensions

All dimensions in mm (inch)

