

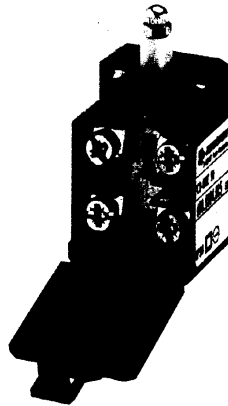
Plastic bodied compact limit switches

Combi C2

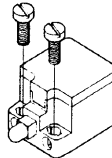
For confined spaces
 With two mounting options
 Protection class IP 30
 With snap-shut, hinged lid



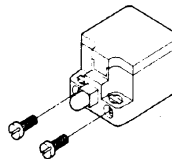
- Compact switches for safety or control applications
- 3 different contact configurations available as slow-action and snap-action
- All normally-closed contacts are positive break ⊕
- Two-channel safety control possible
- Galvanically isolated terminals, type Zb
- Approvals UL, CSA, BG (applied for)
- 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

⊕ positive break according to

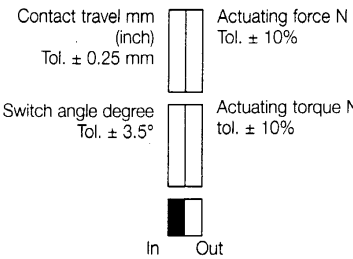
IEC 947-5-1 Chap. 3

Za: changeover contact is not galvanically isolated

Zb: changeover contact is galvanically isolated

Slow-action contact/snap-action contact

Gasket inside (iw)/outside (w)



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.

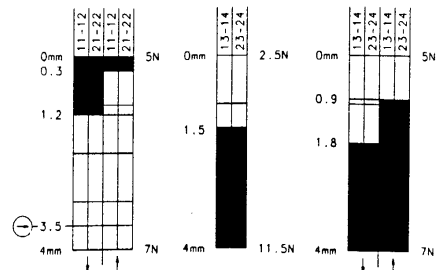
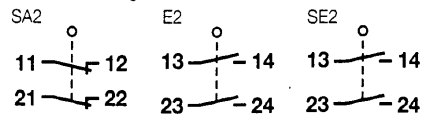
Approvals

(applied for)

Weight

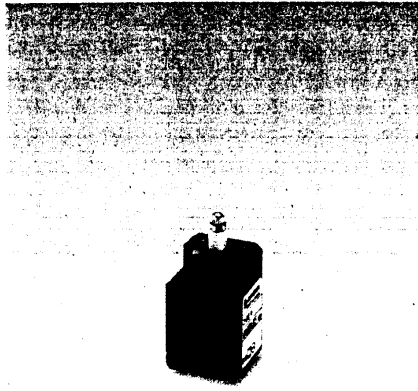
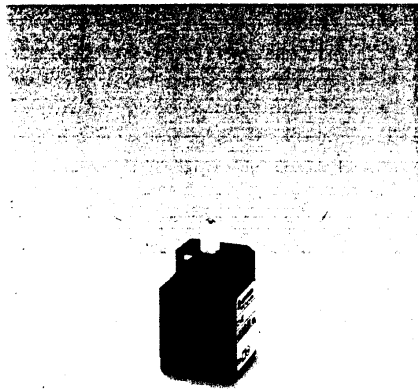
Type of storage/time of delivery as agreed

Further switching functions

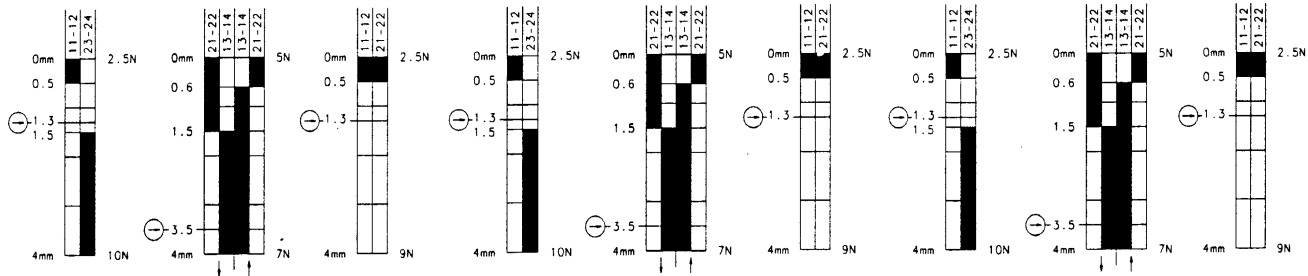


Dimensions

All dimensions in mm (inch)

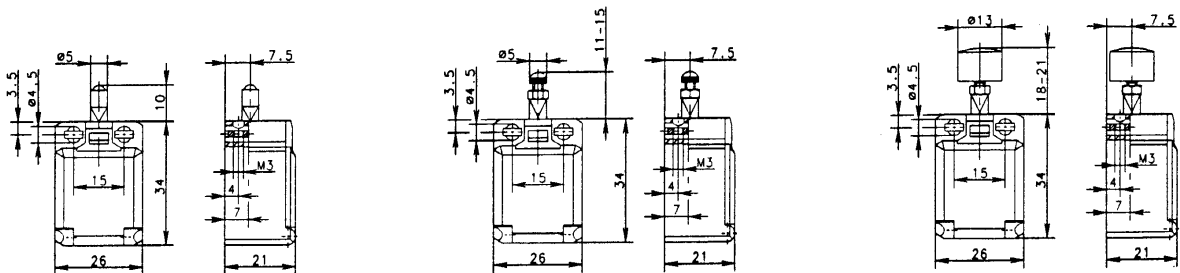


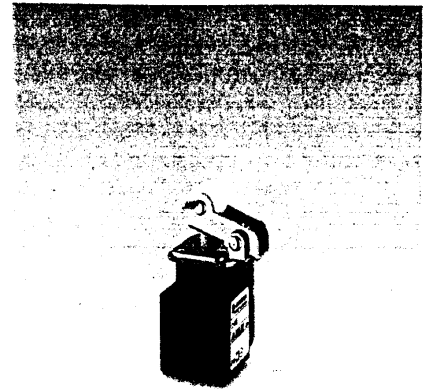
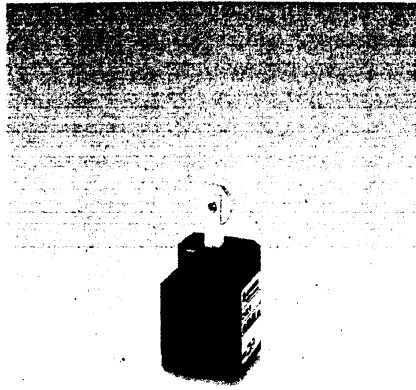
C2-U1Z	C2-SU1Z	C2-A2Z	C2-U1Z St	C2-SU1Z St	C2-A2Z St	C2-U1Z K	C2-SU1Z K	C2-A2Z K
600.8101.001	600.8351.002	600.8801.003	600.8104.025	600.8354.026	600.8804.027	600.8107.019	600.8357.020	600.8807.021
⊕ Zb	⊕ Zb	⊕ Zb	⊕ Zb	⊕ Zb	⊕ Zb	⊕ Zb	⊕ Zb	⊕ Zb
●/-	-/●	●/-	●/-	-/●	●/-	●/-	-/●	●/-
-/-	-/-	-/-	-/-	-/-	-/-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



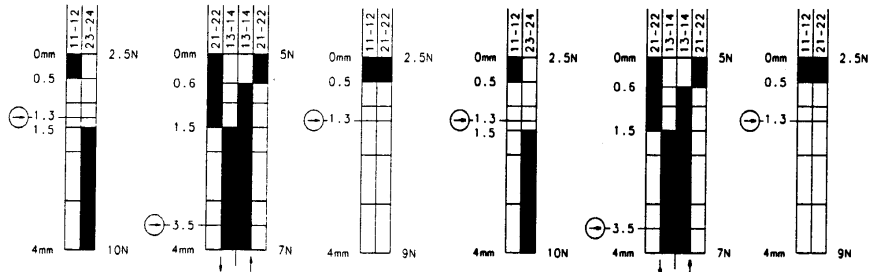
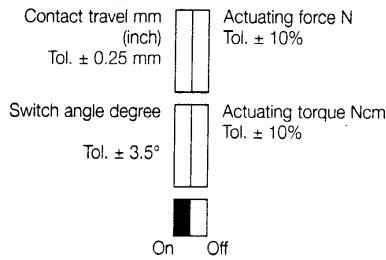
250 V AC	250 V AC	250 V AC	250 V AC	250 V AC	250 V AC	250 V AC	250 V AC	250 V AC
10 A	10 A	10 A	10 A	10 A	10 A	10 A	10 A	10 A
●	●	●	●	●	●	●	●	●
100/min.	100/min.	100/min.	100/min.	100/min.	100/min.	100/min.	100/min.	100/min.
3×10^6	3×10^6	3×10^6	3×10^6	3×10^6	3×10^6	3×10^6	3×10^6	3×10^6
-30 °C/+80 °C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

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





Designation	C2-U1Z R	C2-SU1Z R	C2-A2Z R	C2-U1Z o.M.+H	C2-SU1Z o.M.+H	C2-A2Z o.M.+H
Switch part number	600.8116.013	600.8366.014	600.8816.015	600.8101.007	600.8351.008	600.8801.009
Actuator part number	-	-	-	391.0190.259	391.0190.259	391.0190.259
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						
⊕ Zb	●/-	●/-	●/-	●/-	●/-	●/-
Slow-action contact/snap-action contact	-/-	-/-	-/-	-/-	-/-	-/-
Gasket inside (iw)/outside (w)	-/-	-/-	-/-	-/-	-/-	-/-



Voltage	max.	250 V AC	250 V AC	250 V AC	250 V AC	250 V AC	250 V AC
Continuous current	max.	10 A	10 A	10 A	10 A	10 A	10 A
Making current, acc. to IEC 947-5-1 AC 15/DC 13		●	●	●	●	●	●
Switching frequency	max.	100/min.	100/min.	100/min.	100/min.	100/min.	100/min.
Mech. operational life - number of switching cycles		3 x 10 ⁶	3 x 10 ⁶	3 x 10 ⁶	3 x 10 ⁶	3 x 10 ⁶	3 x 10 ⁶
Ambient temperature	min./max.	-30 °C/+80 °C -22 °F/+176 °F	-30 °C/+80 °C -22 °F/+176 °F	-30 °C/+80 °C -22 °F/+176 °F	-30 °C/+80 °C -22 °F/+176 °F	-30 °C/+80 °C -22 °F/+176 °F	-30 °C/+80 °C -22 °F/+176 °F

Approvals (applied for)	UL, CSA	UL, CSA	UL, CSA	UL, CSA	UL, CSA	UL, CSA
Weight	0.02 kg	0.02 kg	0.02 kg	0.03 kg	0.03 kg	0.03 kg
Type of storage/time of delivery as agreed	●/-	●/-	●/-	●/-	●/-	●/-

