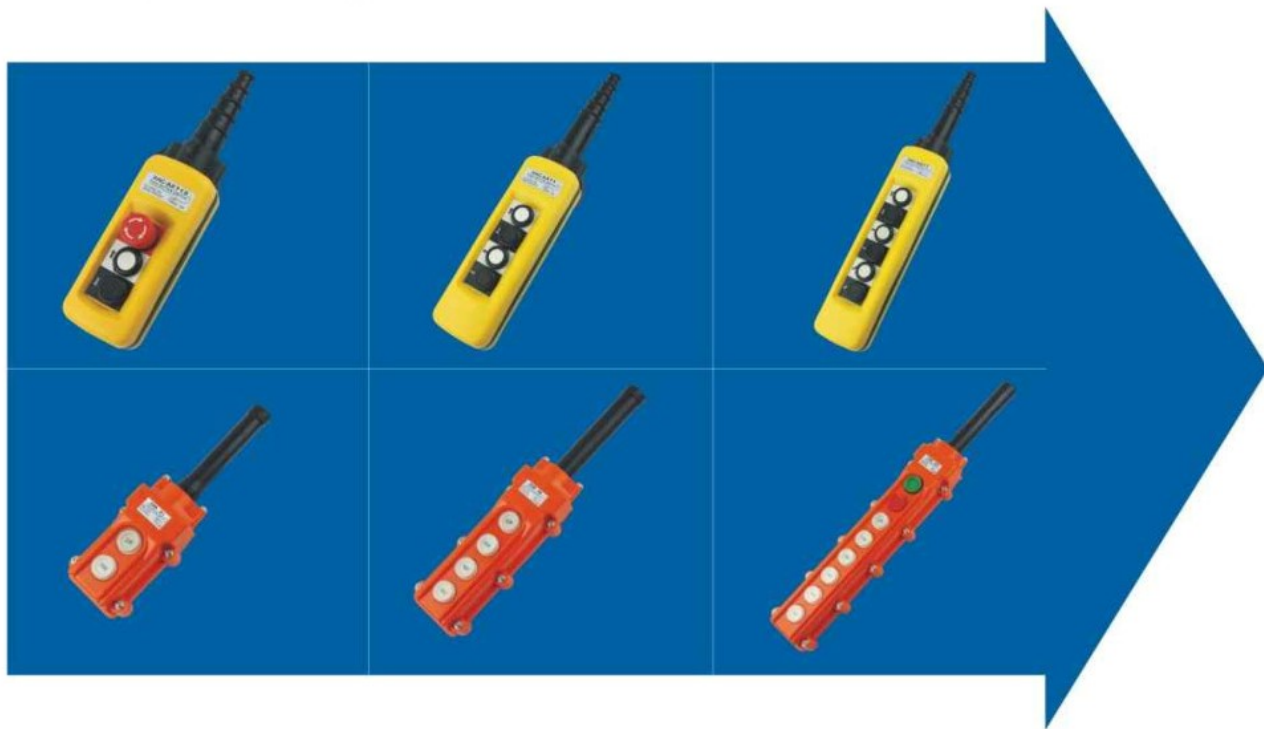




XAC , COB

Water-proof lifting button control switch series



Pendant control stations

Conforming to standards		IEC 947-5-1, EN60947-5-1, IEC 337-1, NFC 63-146, VDE 0660-200
Approvals		NEMKO. Special version: UL Listed A600-Q600, CSA600-Q600
Shock resistance		100g conforming to IEC 68-2-27
Electric chock protection		Class II conforming to IEC 536 and NF C 20-030
Degree of protection	Op. Cycles	IP 65 conforming to IEC 539; IP 657 conforming to NFC20-010
Mechanical durability		1 million
Enclosure	A	Double insulated polypropylene, coloured yellow throughout
Thermal current(Ithe)	V	10
Rated insulation voltage(ui)		ZB2-BE●●●●,XEN-G●●●●●,XAC-S●●●●●:600, degree of pollution 3, XEN-T●●●●●: 400, degree of pollution 3, conforming to IEC 947-1
Rated impulse withstand voltage(u imp) kV		6 conforming to IEC 947-1
Positive operation		Mushroom head pushbutton: N/C contact with positive opening operation to IEC 947-5-1 section 3
Contact operation		N/C of N/O slow break
Terminal referencing		Conforming to CENELEC EN 50013
Short-circuit protection		10A cartridge fuse type gG(gl)
Cabling	mm²	Screw and captive cable clamp terminals. Capacity: min.1x0.5, max.,with or without cable end:2x1.5 or 1x2.5mm 2.6.3mm faston connectors (on request), please consult your Regional customer centre



Description	Contact blocks and scheme per direction for "Emergency stop"	Reference
2 mechanically interlocked	ZB2-BE101 	XAC-A271
	ZB2-BE102 + ZB2-BE101 	XAC-A281
2 mechanically interlocked + 1 trigger action latching "Emergency stop" ⌀ 30mm perator ZA2-BS44	ZB2-BE101 	XAC-A2713
	ZB2-BE102 + ZB2-BE101 	XAC-A2813

Switch

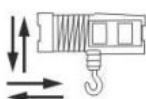
Circuit diagram Description

Contact blocks and scheme per direction for "Emergency stop"

Reference



XAC-A471



4 mechanically interlocked between pairs

ZB2-BE101



XAC-A471

ZB2-BE102

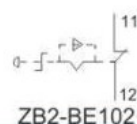
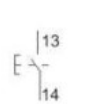
+ ZB2-BE101



XAC-A481

4 mechanically interlocked between pairs
+1 trigger action latching
"Emergency stop"
⌀ 40mm operator
ZA2-BS54

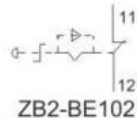
ZB2-BE101



XAC-A4713

ZB2-BE102

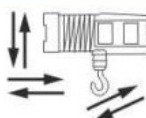
+ ZB2-BE101



XAC-A4813



XAC-A6713



6 mechanically interlocked between pairs

ZB2-BE101



XAC-A671

ZB2-BE102

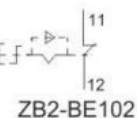
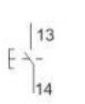
+ ZB2-BE101



XAC-A681

6 mechanically interlocked between pairs
+1 trigger action latching
"Emergency stop"
⌀ 40mm operator
ZA2-BS44

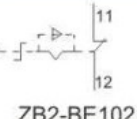
ZB2-BE101



XAC-A6713

ZB2-BE102

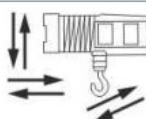
+ ZB2-BE101



XAC-A6813



XAC-A871



6 mechanically interlocked between pairs

ZB2-BE101



XAC-A871

ZB2-BE102

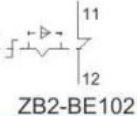
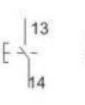
+ ZB2-BE101



XAC-A881

6 mechanically interlocked between pairs
+1 trigger action latching
"Emergency stop"
⌀ 40mm operator
ZA2-BS44

ZB2-BE101



XAC-A8713

ZB2-BE102

+ ZB2-BE101



XAC-A8813

Switch

Circuit diagram Description

Contact blocks and scheme per direction for "Emergency stop"

Reference

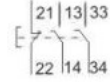


XAC-A291



2 mechanically interlocked

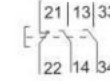
1N/C+NO+NO staggered
XEN-G1191



XAC-A291

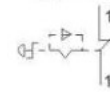
2 mechanically interlocked
+ 1 trigger action latching
"Emergency stop" ϕ 30mm
operator ZA2-BS44

1N/C+NO+NO staggered
XEN-G1191

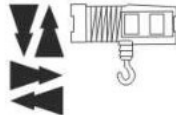


XAC-A2913

1N/C
ZB2-BE102

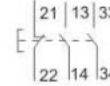


XAC-A491



4 mechanically interlocked between pairs

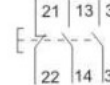
1N/C+NO+NO staggered
XEN-G1191



XAC-A491

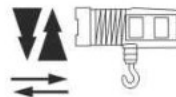
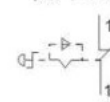
4 mechanically interlocked between pairs
+1 trigger action latching
"Emergency stop" ϕ 40mm operator
ZA2-BS54

1N/C+NO+NO staggered
XEN-G1191



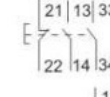
XAC-A4913

1N/C
ZB2-BE102



4 mechanically interlocked between pairs
+1 trigger action latching
"Emergency stop" ϕ 40mm operator
ZA2-BS54

1N/C+NO+NO staggered(a)
XEN-G1191
1N/C102(b)

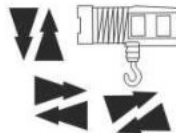


XAC-A4923

1N/C
ZB2-BE102

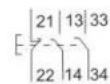


XAC-A691



6 mechanically interlocked

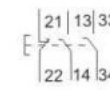
1N/C+NO+NO staggered
XEN-G1191



XAC-A691

6 mechanically interlocked
+1 trigger action latching
"Emergency stop" ϕ 40mm operator
ZA2-BS44

1N/C+NO+NO staggered
XEN-G1191

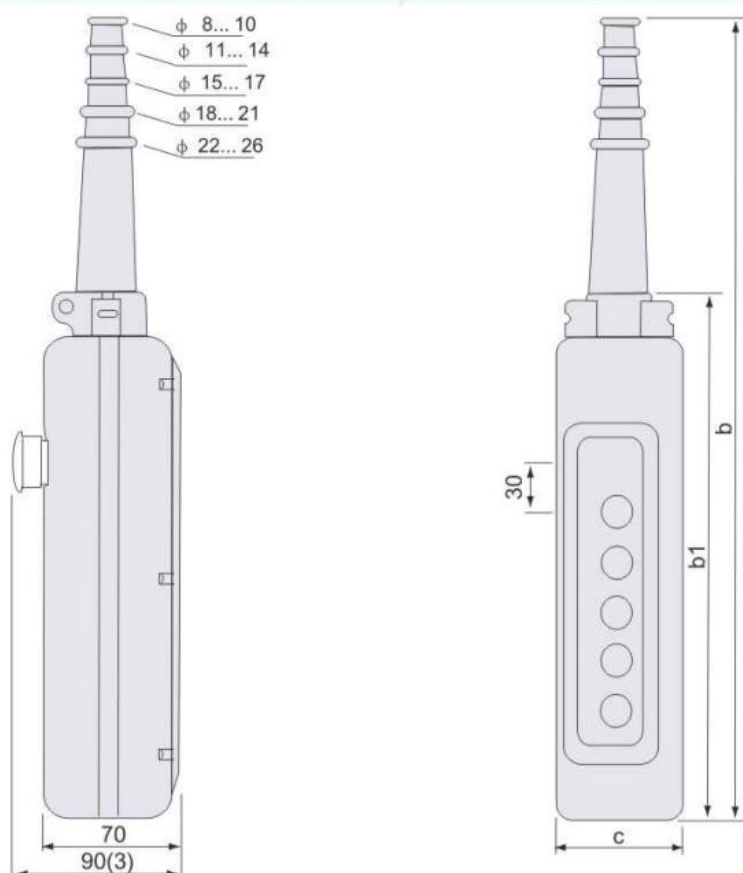


XAC-A6913

1N/C
ZB2-BE102



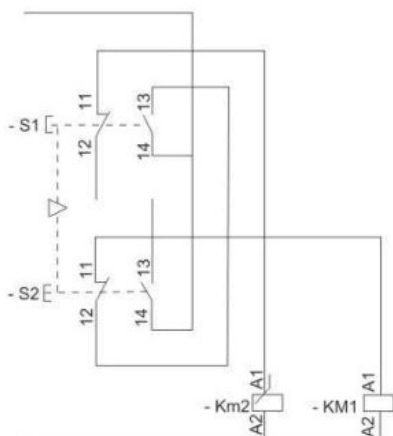
XAC-A pendant stations for control circuits



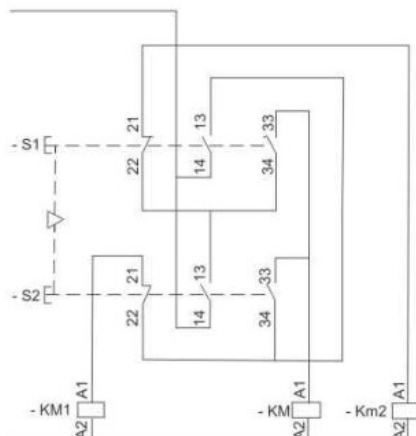
Number of ways	2	3	4	6	8	12
b	314	314	440	500	560	680
b1	190	190	250	310	370	490
c	80	80	80	80	80	92

- (1) For 2 and 3-way XAC-A stations
- (2) For 4 or 4 of 8-way XAC-A stations
- (3) With mushroom head operator

For control of single-speed reversing motor
(Contact blocks ZB2-BE101+ZB2-BE102)



For control of single-speed reversing motor
(Contact blocks XEN-G1191)



KM: high speed contactor

Switch

Circuit diagram

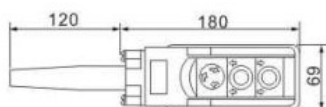
Description

Circuit

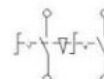
Type



COB-61C



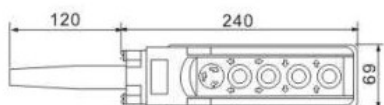
Push lock revolve
Urgent stop
button;one off
(one off one on)
Ui:500V
Ith:10A
AC-15
500V~2A
250V~2A



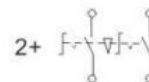
COB-61C



COB-62C



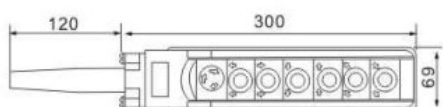
Push lock revolve
Urgent stop
button;one off
(one off three on)
Ui:500V
Ith:10A
AC-15
500V~2A
250V~2A



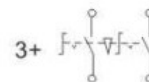
COB-62C



COB-63C



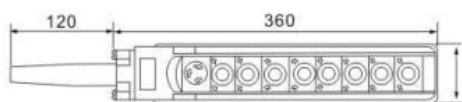
Push lock revolve
Urgent stop
button;one off
(one off five on)
Ui:500V
Ith:10A
AC-15
500V~2A
250V~2A



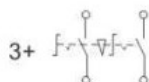
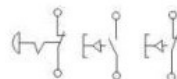
COB-63C



COB-64C



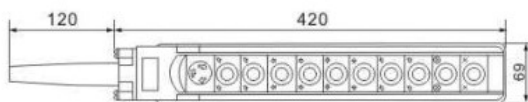
Push lock revolve
Urgent stop
button;one off
(one off seven on)
Ui:500V
Ith:10A
AC-15
500V~2A
250V~2A



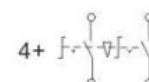
COB-64C



COB-65C



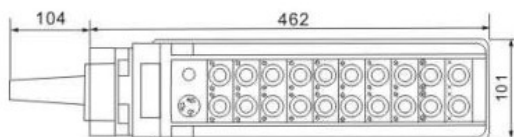
Push lock revolve
Urgent stop
button;one off
(one off nine on)
Ui:500V
Ith:10A
AC-15
500V~2A
250V~2A



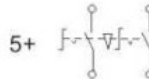
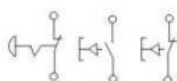
COB-65C



COB-66C



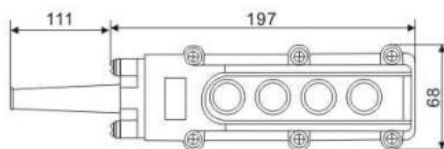
Push lock revolve
Urgent stop
button;one off
(one off nine on)
Ui:500V
Ith:10A
AC-15
500V~2A
250V~2A



COB-66C



COB-61A



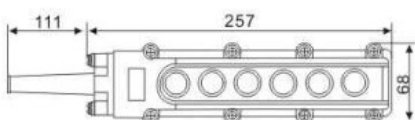
Normal-on and self-lock,
reset is driven by off.
Two buttons inter lock,
self-reset, one couple
normal-on-off
Ui:500V Ith:5A AC-15
500V~2A
250V~2A



COB-61A



COB-62A



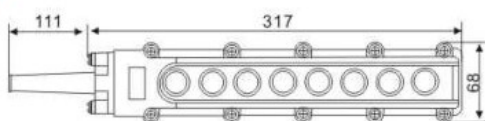
Normal-on and self-lock,
reset is driven by off.
Two buttons inter lock,
self-reset, two couples
normal-on-off
Ui:500V Ith:5A AC-15
500V~2A
250V~2A



COB-62A



COB-63A



Normal-on and self-lock,
reset is driven by off.
Two buttons inter lock,
self-reset, three couples
normal-on-off
Ui:500V Ith:5A AC-15
500V~2A
250V~2A



COB-63A



COB-64A



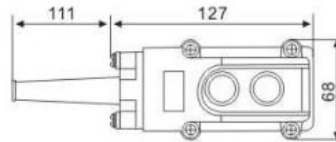
Normal-on and self-lock,
reset is driven by off.
Two buttons inter lock,
self-reset, four couples
normal-on-off
Ui:500V Ith:5A AC-15
500V~2A
250V~2A



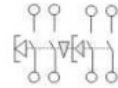
COB-64A



COB-61



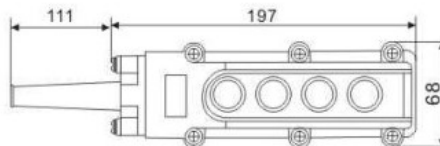
Normal-on and
normal-off
Ui:500V
Ith:5A
AC-15
220V-2A
500V-2A



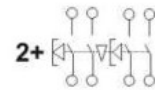
COB-61



COB-62



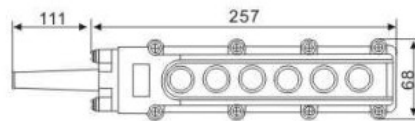
Normal-on and
normal-off
Ui:500V
Ith:5A
AC-15
220V-2A
500V-2A



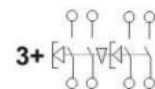
COB-62



COB-63



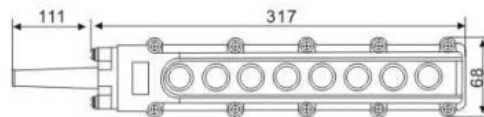
Normal-on and
normal-off
Ui:500V
Ith:5A
AC-15
220V-2A
500V-2A



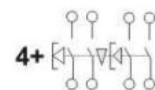
COB-63



COB-64



Normal-on and
normal-off
Ui:500V
Ith:5A
AC-15
220V-2A
500V-2A



COB-64