

Poduzeće za proizvodnju i promet signalne i upravljačke tehnike; niskonaponska sklopna tehnika - tipkala Ø 22 i Ø 30; elektronski upravljački sistemi u drvnjoj industriji.



SIGNALNO KONTAKTNI ELEMENTI Ø 22

OPĆENITO

Serijska obuhvaća: tipkala, preklopnike, svjetleća tipkala, svjetiljke, ručne preklopnike - namijenjene upravljanju i kontroli istosmjernih i izmjeničnih strujnih krugova.

STUPANJ ZAŠTITE

IP 65 (IEC 529, CEI 70-1)

TEMPERATURA

Radna temperatura -20° C do +55° C

Skladištenje: -40° C do 70° C

MEHANIČKE KARAKTERISTIKE

Trajnost tipkala: 30×10^6 pritisaka

Trajnost svjetlećeg tipkala i preklopnika: 10^6 pritisaka

Trajnost zakretnog tipkala: 500.000 pritisaka

KONTAKTNI ELEMENT

Učvršćivanje žice: vijkom

Maksimalna debljina žice: 2,5 mm

Stupanj zaštite: IP 20

ELEKTRIČNE KARAKTERISTIKE

KONTAKTNOG ELEMENTA

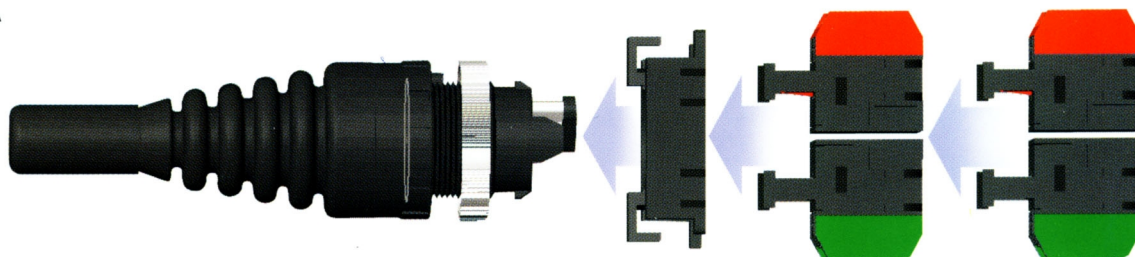
Izolacija: $U_i=600$ V

Temperaturni tok: $I_{th}=10$ A

AC 11								
Ue	12	24	48	110	230	400	500	600
Ie	10	10	8,5	6,5	4,5	2,6	2,1	1,6

DC 11					
Ue	12	24	48	110	220
Ie	18	5	2,5	1,1	0,6

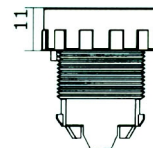
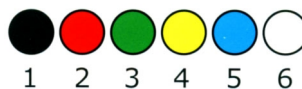
MONTAŽA





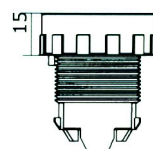
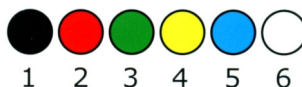
ER

Tipkalo



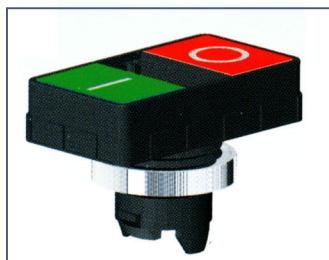
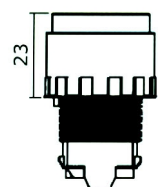
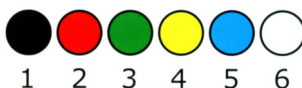
ERR

Tipkalo udarno



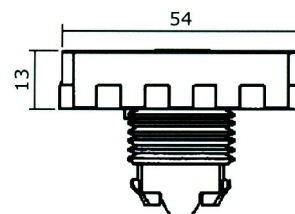
ER/PP

Tipkalo
"pritisni-pritisni"



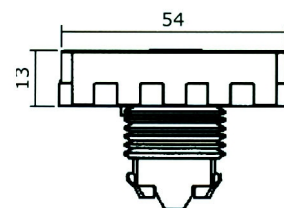
EPD/O-I

Duplo tipkalo
start-stop



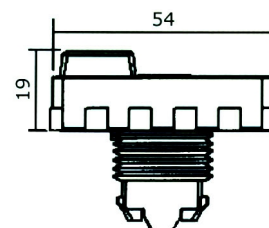
EPD/F

Duplo tipkalo
sa strelicom



EPDR/O-I

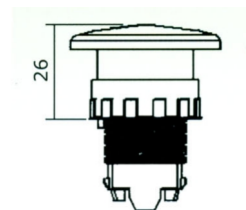
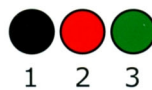
Duplo tipkalo
start-stop
s odignutom
nulom





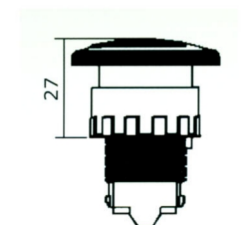
EF

Tipkalo
gljivasto
Ø 40 ili Ø 60



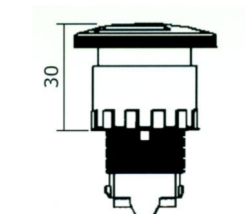
EFB

Tipkalo gljivasto
zaktretno
Ø 40 ili Ø 60



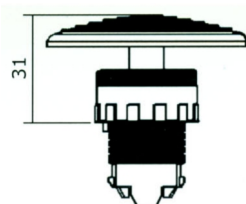
EFBC

Tipkalo gljivasto
zaktretno Ø 40
s vremenskim
iskapćanjem



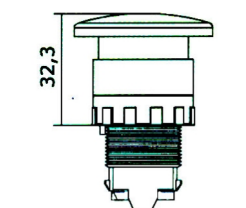
EFBC

Tipkalo
gljivasto
pomićno
Ø 60



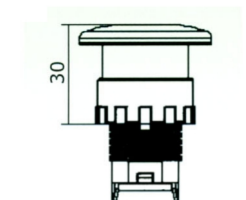
EFB/PP

Tipkalo gljivasto
zakretno Ø 40
"pritisni-pritisni"



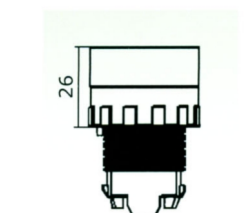
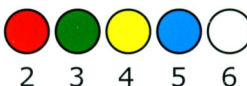
EFC

Tipkalo gljivasto
s ključem
Ø 40



ERL

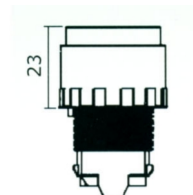
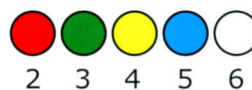
Svjetleće
tipkalo





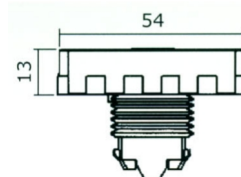
ERL/PP

Svjetleće tipkalo
"pritisni-pritisni"



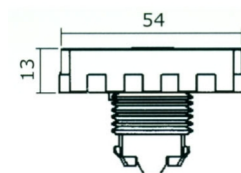
EPDL/O-I

Duplo tipkalo
svjetleće
start-stop



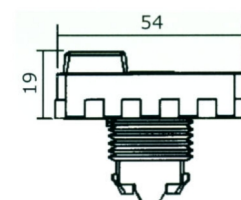
EPDL/F

Duplo tipkalo
svjetleće
sa strelicama



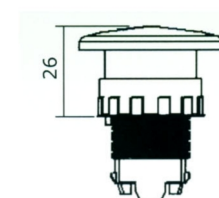
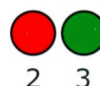
EPDLR/O-I

Duplo tipkalo
svjetleće start-stop
s odignutom nulom



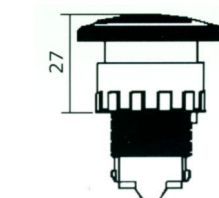
EFL

Tipkalo
gljivasto
svjetleće Ø 40



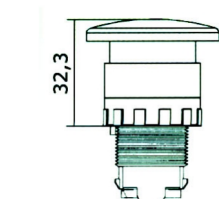
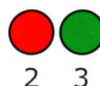
EFBL

Tipkalo gljivasto
svjetleće zakretno
Ø 40



EFBL/PP

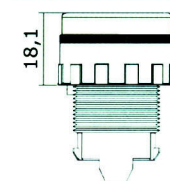
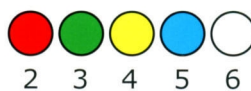
Tipkalo gljivasto
svjetleće zakretno
"pritisni-pritisni"
Ø 40





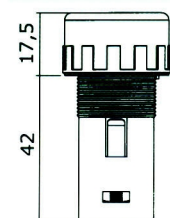
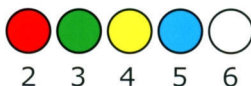
EL

Signalna svjetiljka



ELE

Signalna svjetiljka
s kontaktima



RESET

Reset tipka

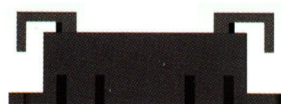


T22

Slijepi čep

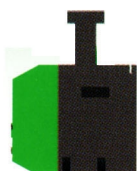
EB

Međuelement



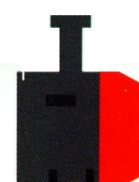
EC/NO

Kontakt
element
NO-radni



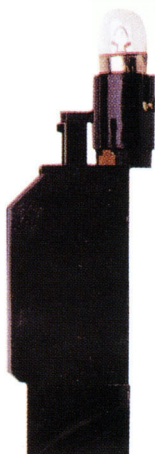
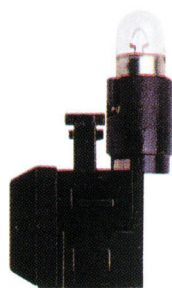
EC/NC

Kontakt
element
NC-mirni



ECD

Grlo
za
Ba9S



ECL

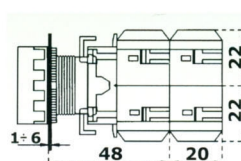
Kontakt s
bljeskalicom

Volti
24 V
230/130 V

ECT

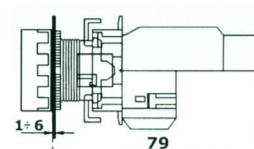
Kontakt s
transformatorom

Volti
110/6 V
230/6 V
400/6 V



S kontaktima: EC-ECD

Mjere



S kontaktima: ECT-ECL



ES

Preklopnik



ESL-L

Svjetleći
Preklopnik



ESC

Preklopnik
s ključem

Tip

Položaj

Oznaka za
izvlačenje ključa

1 ●

2 ●

3 ●

2 ●

3 ●

4 ●

5 ●

6 ○

A



Stalni
Lijevo - Desno

U



CD



Stalni
Sredina - Desno

V



CD/R



Trenutni
Sredina - Desno

W



E



Stalni
Lijevo - Sredina - Desno

X



E/RC



Trenutni
Lijevo - Desno

Y



E/RD



Stalni Lijevo
Trenutni Desno

Z

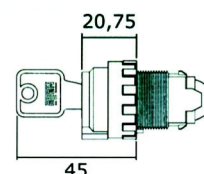
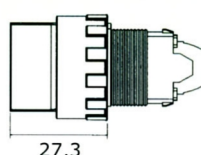
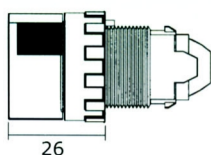


E/RS



Stalni Desno
Trenutni Lijevo

J



EM

Ručni
preklopnik
2 ili 4
pozicije



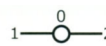
EMB

Ručni
preklopnik
s blokadom
2 ili 4
pozicije

Tip

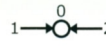
Položaj

2F



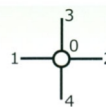
Dvopoložajni stalni

2R



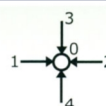
Dvopoložajni trenutni

4F



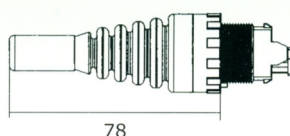
Četveropoložajni stalni

4R

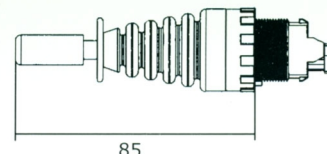


Četveropoložajni trenutni

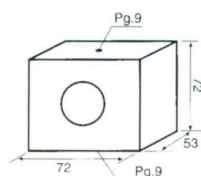
EM



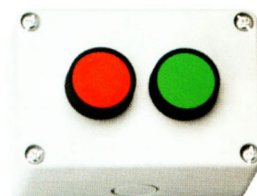
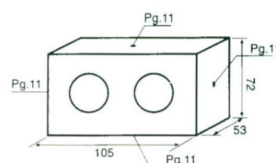
EMB



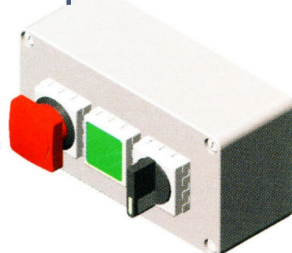
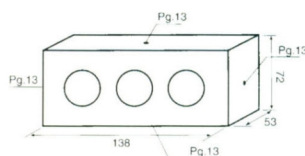
Kućiste s jednim provrtom



EV2 Kućiste s dva provrta

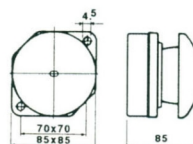


EV 3 Kućiste s tri provrta

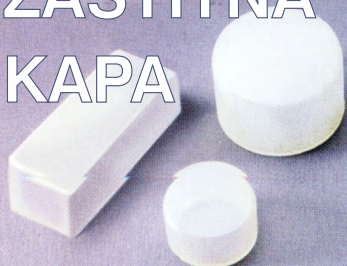


EV 90

Gljiva Ø 90 u žutom kućistu



ZAŠTITNA KAPA



Tip Za

ERPR	Tipkalo
ERPL	Svjetleće tipkalo
ERPF	Tipkalo gljivasto Ø 40
ERPD	Duplo tipkalo
ERPDR	Duplo tipkalo odignuto

Oznake



PLOČICA



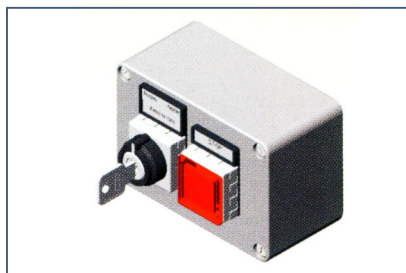
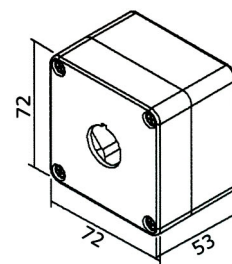
Tip Veličina Materijal Oznaka

EQ8	30x40	PVC	Neutral
EQ15	30x50	PVC	Neutral
EQ16	30x40	Metal	Neutral
EQ21	30x45	Metal	Neutral
ED40	Ø 40	PVC	Stop
ED60	Ø 60	PVC	Stop
ED90	Ø 90	PVC	Stop



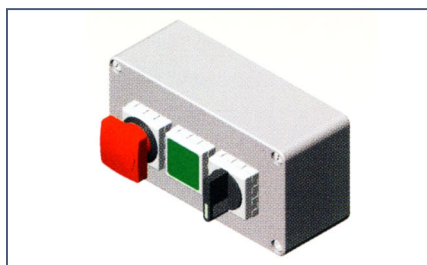
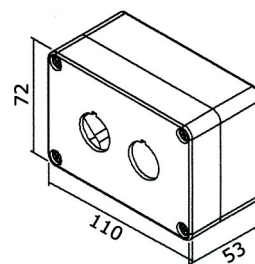
EVK-1

Kućište s jednim provrtom



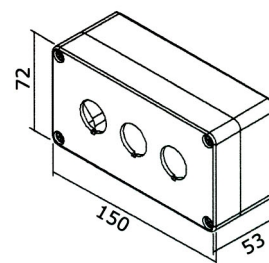
EVK-2

Kućište s dva provrta



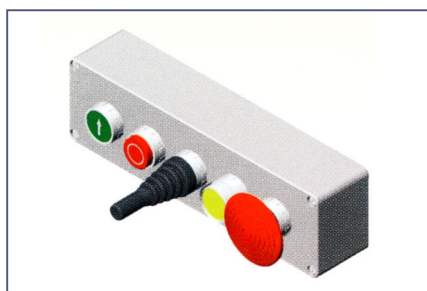
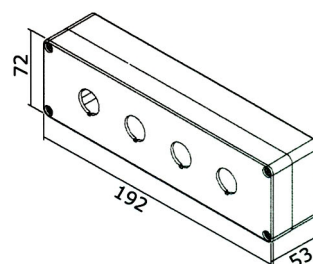
EVK-3

Kućište s tri provrta



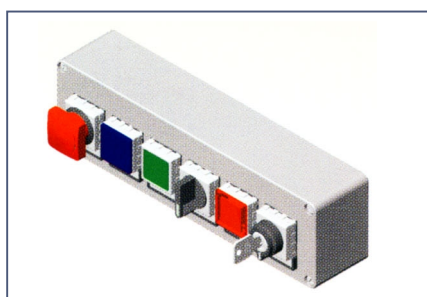
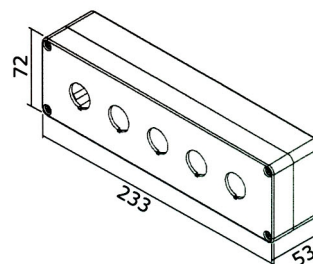
EVK-4

Kućište s četiri provrta



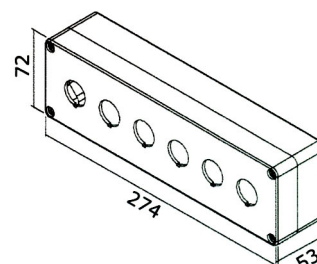
EVK-5

Kućište s pet provrta



EVK-6

Kućište sa šest provrta



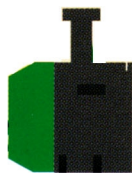
EB

Međuelement



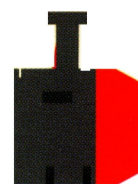
EC/NO

Kontakt
element
NO-radni



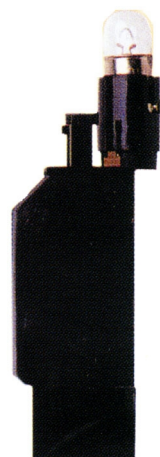
EC/NC

Kontakt
element
NC-mirni



ECD

Grlo
za
Ba9S



ECL

Kontakt s
bljeskalicom

Volti

24 V

230/130 V

ECT

Kontakt s
transformatorom

Volti

110/6 V

230/6 V

400/6 V

Mjere

S kontaktima: EC-ECD

S kontaktima: ECT-ECL

PLOČICA



Tip Veličina Materijal Oznaka

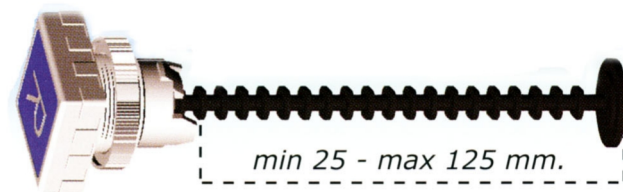
EQ8 30x40 PVC Neutral

EQ15 30x50 PVC Neutral

EQ16 30x40 Metal Neutral

SKT
ZAGREB

Oznake



Poduzeće za proizvodnju i promet
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