ECX4☐☐☐

4000 series pushbuttons

Plastic body and threaded ring fixing

Joystick H79

Joystick 1 position

ECX 4515 A unstable
ECX 4516 A stable

Joystick 2 position

ECX 4510 A-B unstable
ECX 4511 A stable/ B unstable
ECX 4512 A-B stable

Joystick 4 position
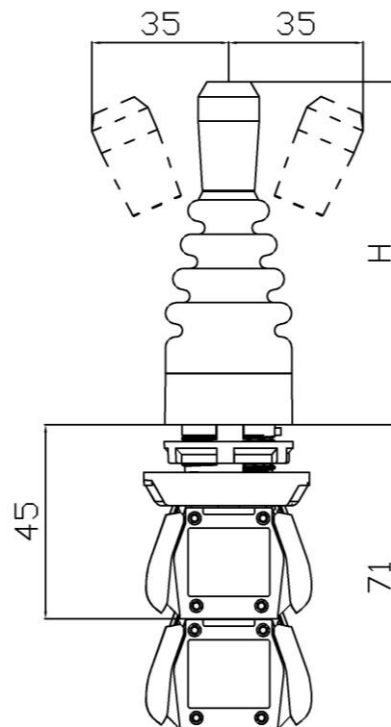
ECX 4520 A-B –C-D unstable
ECX 4521 A- stable/ B-C-D unstable
ECX 4522 A-B stable/ C-D unstable
ECX 4523 A-B-C stable/D unstable
ECX 4524 A-B-C-D stable

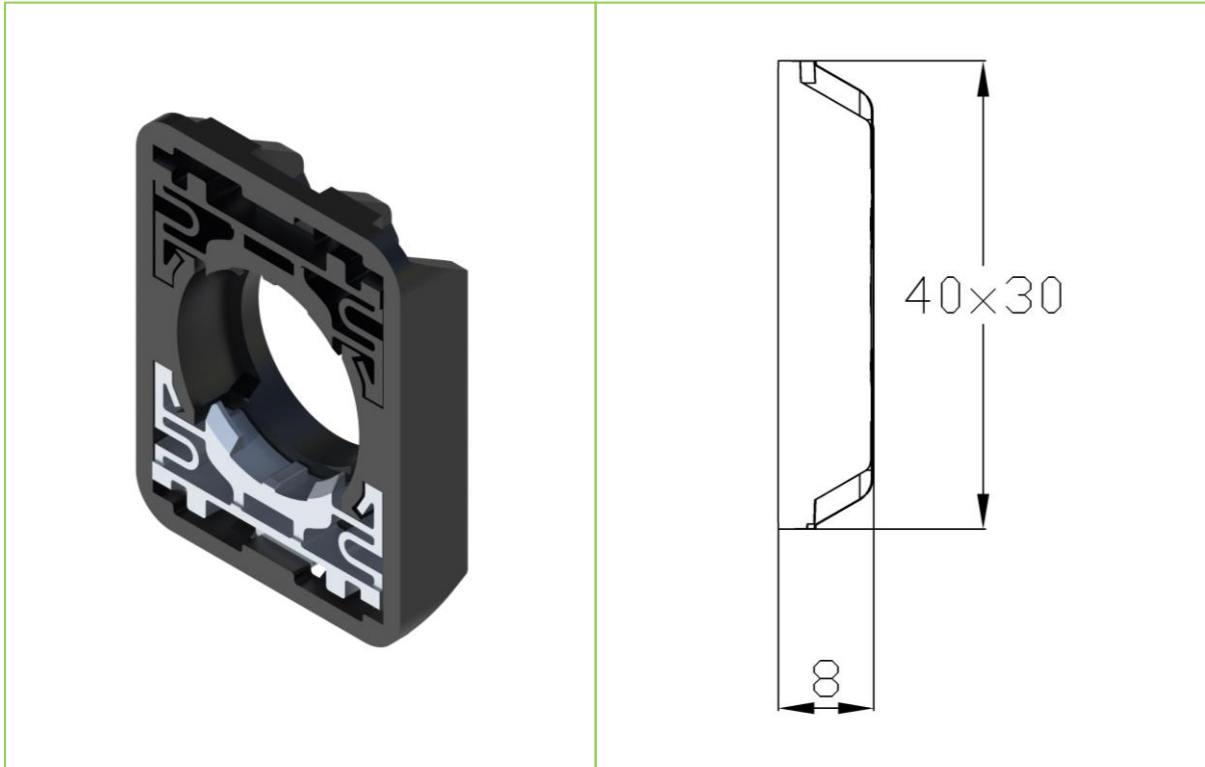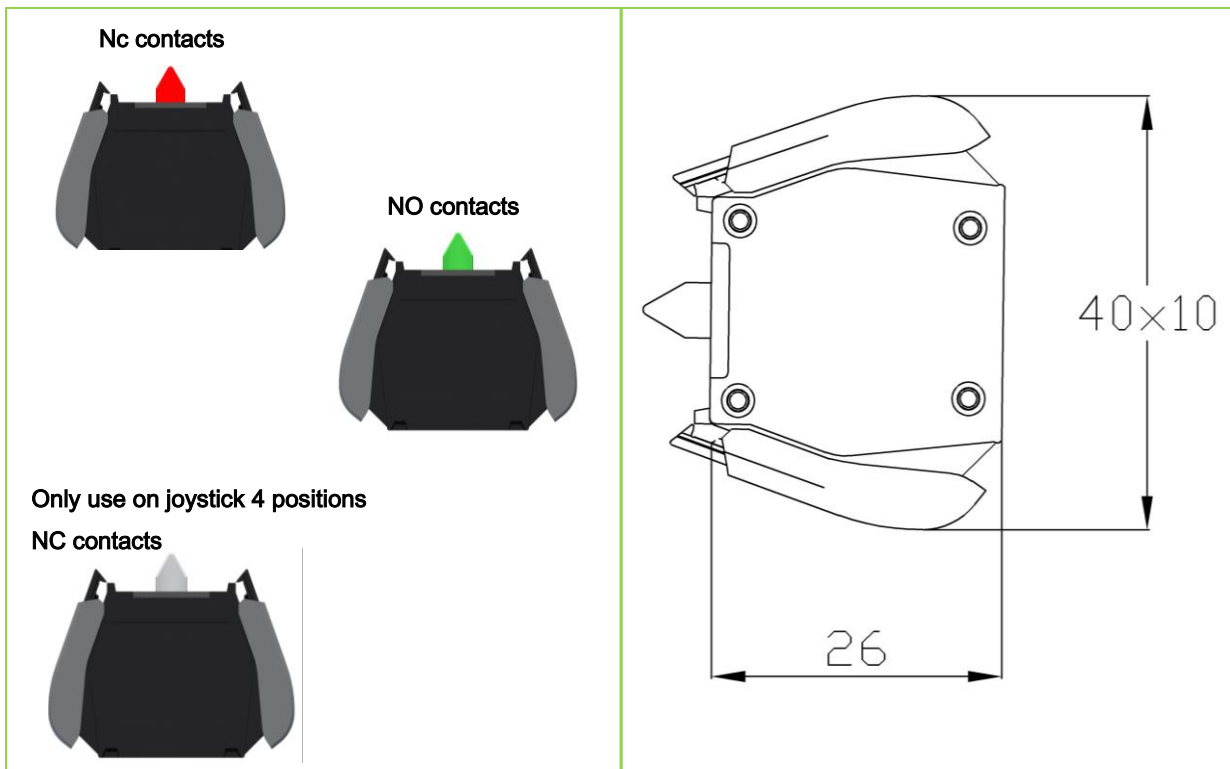**These items are sold along with the relative contact blocks.**

4 position

2 Position

Support ECX4029

40×30

8

Latch fixing contacts

Nc contacts

NO contacts

Only use on joystick 4 positions
NC contacts

40×10

26

General technical data

	Plastic body
Standards	IEC 60947-5-1 EN 60947-5-1
Operating temperatures	
– during operations °C	– 25 … + 70
– for storage °C	– 30 … + 80
Body material	Thermoplastic body
Protection degree after installation (according to IEC 60529 and EN 60529)	IP65
Rating insulation voltage Ui	
– according to IEC 60947-1 and EN 60947-1	690 V (pollution degree 3)
– according to UL 508 and CSA C22-2 n° 14	A600, Q300
Rated impulse withstand voltage Uimp KV (according to IEC 60947-1 and EN 60947-1)	8
Conditional short-circuit current (according to IEC 60947-1 and EN 60947-1) KA	1
Conventional free air thermal current Ith A (according to IEC 60947-5-1 and EN 60947-5-1) θ < 40°C	10
Short-circuit protection A Ue < 500V a.c. – gG (gl) type fuses	10

Rated operational current			
Ie / AC-15 (according to IEC 60947-5-1)	24V - 50/60 Hz	A	10
	120V - 50/60 Hz	A	6
	400V - 50/60 Hz	A	4
Ie / DC-13 (according to IEC 60947-5-1)	24V - d.c.	A	2.8
	125V - d.c.	A	0.55
	250V - d.c.	A	0.27

Switching frequency	Cycles/h	3600
Mechanical durability	Cycles	300.000
Initial resistance between contacts	mΩ	≤ 25
Connecting terminals		On screw with cable clamp (fixing couple 0.6 Nm)
Connecting terminals		1 or 2 conductors – 0.5 ÷ 2.5 mm²
Positive opening operations		NC contacts with positive opening operations