NS2-KA / NSB2-KA JOYSTICK

The NS2-KA / NSB2-KA single axis masterswitches are characterized by their versatility and rugged construction for step and stepless AC & DC controls. Rated for 20 million mechanical cycles, the NS2-KA / NSB2-KA is ideal for applications where operations are continuous.

SPECIFICATIONS

GENERAL DATA

# of Axis	Single
Output Options	Contacts, Potentiometer, Encoder, 4-20mA & Transformer
Joystick Action	Spring Return
Handle Travel	+/- 40 degrees each axis
Max # of Steps	Up to 7-0-7
Handle Compatibility	Standard Handles, Push Button, Mechanical Interlock, RH, BH, MG27
Life	20 million cycles
Materials	Cast alluminum housing with self lubricating bearings, brass cam shaft, and stainless steel gate.
Est. Shipping Weight	14 lbs.
Est. Shipping Dimensions	24 in. x 12 in. x 12 in.

MOUNTING DATA

Mounting Style	Drop-in (From Above)
Mounting Footprint	6.5" x 6.5" See literature for additional mounting specifications

ENVIRONMENTAL DATA

IP Rating	IP65
Operating Temperature	-4 to +140 degrees F [-20 to +60 degrees C]

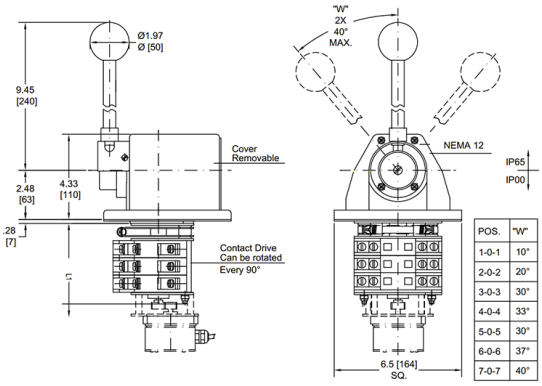
ELECTRICAL DATA

Contact Specifications	Switch Type: Double Pole Contact Blocks Max. Number: Up to 5 contact blocks (10 circuits) Max. Switching Capacity: Making - 160 amps Breaking - (0.7PF) 240V 160 amps Rating (AC) NS2-KA: Continuous 25 amps @ 600V Resistive 20 amps @ 240V Inductive 14 amps @ 240V Rating (DC) NSB2-KB: Resistive 5 amps @ 250V Inductive 2 amps @ 250V Termination: Saddle Clamp Max. Wire Size: 12 AWG
Additional Specifications	Reference product literature for additional specifications

Technical Drawings

Dimensional

All dimensions in inches [mm] and are subject to change.



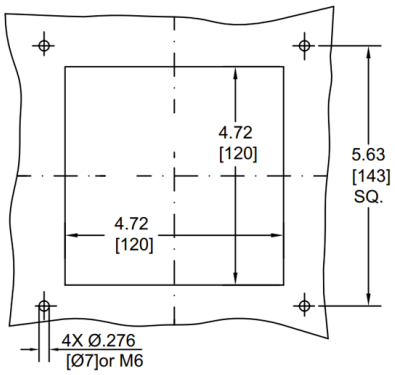
POS.	"W"
1-0-1	10°
2-0-2	20°
3-0-3	30°
4-0-4	33°
5-0-5	30°
6-0-6	37°
7-0-7	40°

Number of double contacts		1	2	3	4	5	6	7	8	9	10
Dimension L1	in	2.28	3.15	4.02	4.88	5.75	6.61	7.48	8.35	9.21	10.08
	mm	[58]	[80]	[102]	[124]	[146]	[168]	[190]	[212]	[234]	[256]

Overall dimensions. Shown with round ball handle.

Mounting

All dimensions in inches [mm] and are subject to change.



Panel mounting details