

PUSH BUTTON NEF30 BLOCKED WITH TRIANGLE KEY

DATA SHEET

no: KK-NEF30-ŁK



Push buttons of NEF30 series blocked with triangle key 9 mm are intended for installation in standardized $\varnothing 30.5$ mm holes, in numerous types of control and signal equipment or directly into bodies of machines and equipment.

TECHNICAL DATA:

Parameter	Value
Insulation rated voltage U_i ¹⁾	500V
Rated impulse withstand voltage U_{imp}	4kV
Rated thermal current I_{th}	10A
Rated switching current I_e for utilization categories: AC-21A – Resistive loads AC-1 – Slightly inductive loads	10A
Rated operational power AC-3 – Squirrel-cage motors, starting up and shutting down of motors in operation 1-phase: 220-240V 3-phases: 220-240V 380-440V 500V	1,5/8,5 kW 2,5 kW 3,5/6,3 kW 3,5 kW
AC-23A - Commutation of motors and highly inductive loads 1-phase: 220-240V 3-phases: 220-240V 380-440V 500V	1,7/9,6 kW 3 kW 5,5/10 kW 5,5 kW
DC rated switching current DC, I_e (with a single switching terminal; DC - 21A / DC - 22A; Resistive load / Shunt motors) 24V 48V 110V 220V	10/8 A 6/4 A 1/0,3 A 0,3/0,2 A
Cross-section of connected conductors	0,5-2,5 mm ²
Protection class – under the desk part	IP20
Protection class – over the desk part	IP65
Key angle	90° right
Max desk thickness	6 mm
Mechanical life (cycles)	3x10 ⁵
Working temperature	-30...+55°C

¹⁾ In reality, if a particular network has a neutral earth conductor, overvoltage category III and level of environmental pollution 2; $U_i=500$ V if level of environmental pollution is 3.

CONSTRUCTION

NEF30-ŁK consists of two sections: switching and driving, connected permanently. The switching element is a S10J cam switch with a modified axis. Driving element is built on the basis of the NEF30 body adapted to be changed with a key triangular.

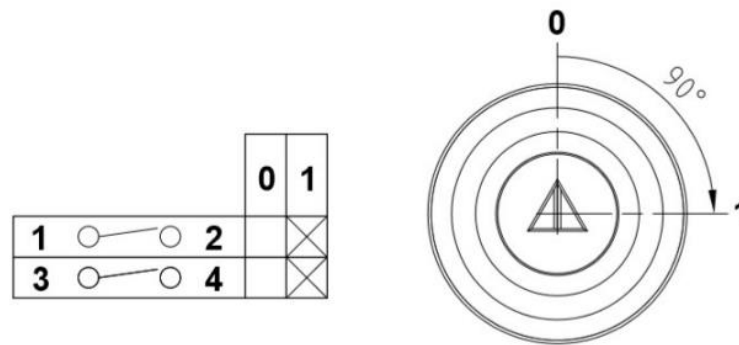


Fig. 1 Switching diagram

DIMENSIONS

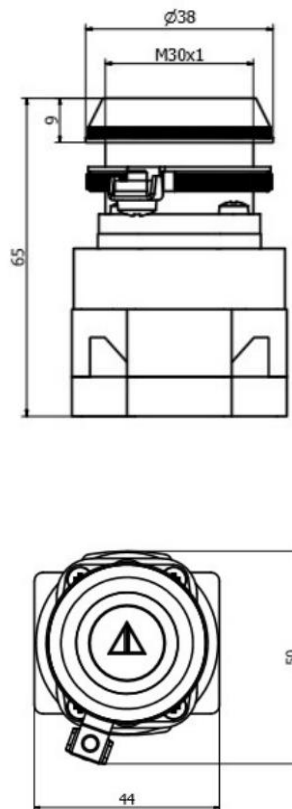


Fig. 2 Dimensions