

KN-LAY7

Emergency Pushbutton

1NO + 1NC contact configuration | Red pushbutton



PRODUCT CONFIGURATION

SERIES

KN-LAY7

FUNCTION

Control pushbutton

CONTACTS

1NO + 1NC

BUTTON COLOR

Red

CONSTRUCTION

Modular contact blocks

Product Overview

The KNTECH KN-LAY7 Series flat pushbutton complete with cover is a compact industrial control device designed for reliable switching in control panels, machinery and electrical equipment. Its modular pushbutton/contact-block architecture supports straightforward installation and maintenance.

PA66 Base

Durable engineering-plastic base for dependable mechanical support.

Self-Cleaning Contact Action

Sliding contact mechanism helps maintain contact performance during operation.

Secure Mounting

Anti-rotation and anti-loosening mounting structure supports stable installation.

Copper-Alloy Contacts

Composite copper-alloy contact system for reliable electrical continuity.

Modular Structure

Stackable contact-block design simplifies assembly, replacement and configuration.

Illuminated Options

High-brightness lamp options include incandescent, neon and LED versions.

Contact Logic

NO - Normally Open

Open in the normal state; closes when the button is pressed.

NC - Normally Closed

Closed in the normal state; opens when the button is pressed.

Technical Specifications

Utilization Categories

Category	Rated Parameter	Unit	Voltage	Value
AC-15	Rated operational current (Ie)	A	660 V	1.1
AC-15	Rated operational current (Ie)	A	380 V	2.0
AC-15	Rated operational current (Ie)	A	220 V	3.3
DC-13	Rated operational current (Ie)	A	12 / 24 / 48 V	0.25 / 0.5 / 1.0

General Electrical & Mechanical Ratings

Model series	KN-LAY7
Rated insulation voltage (Ui)	660 V AC, 50 Hz
Conventional free-air thermal current (Ith)	10 A
Rated impulse withstand voltage (Uimp)	6000 V
Operating frequency	1200 operations/hour
Contact resistance	≤ 50 mΩ
Pushbutton unit protection	IP65
Reference standard	GB/T 14048.5
Certification	CCC

Illuminated Pushbutton Options

Parameter	Incandescent	Neon	LED
Rated operating voltage (V)	6, 24	110, 220, 380	6, 24
Light-source power (W)	≤ 1.5	≤ 1.0	1.05
Light source	Incandescent lamp	Neon lamp	LED

Typical Applications

Industrial control panels • Machine controls • Equipment start/stop stations • Relay and contactor control circuits • OEM electrical assemblies