



EHK125

Basic Technical Parameters (at normal conditions)

Electric Parameters			
Contact type	1NC	Instantaneous maxi (closing) current	600A, ≤1s
Rated voltage of contacts (DC)	≤80V	Insulation resistance(MΩ)	DC500V, ≥100
Rated current of contacts (A)	125	Dielectric withstand voltage	1500V,p.f. 1min, no breakdown
Voltage drop on contacts(mV)	≤80 (at 100A)	Electric cycles (10 ⁴)	≥1
Operational form	Manual	Mechanical cycles (10 ⁴)	≥2
Disconnect thrust F1(N)	20.0≤F1≤30.0	Temperature rise on outgoing terminal	≤65
Closed pull force F2(N)	20.0≤F2≤30.0	Material of contact	AgCuO(10)/Cu
Normal closing time (ms)	≤100	Working duty	Continuous operating duty
Normal disconnection time (ms)	≤50		
Mechanical/Ambient Conditions			
Torque of outgoing terminal on contact M8(N.m)	≥8.5N appropriate	Protection grade	IP50
Torque of outgoing terminal on coil M5(N.m)	≥2.0N appropriate	Mounting methods	Freely
Working temperature	(-25~+55)°C	Vibration	Sine shock: 2.5g, (5~50) Hz
Mounting altitude	≤2Km	Impact	50g,11ms(Half sine)

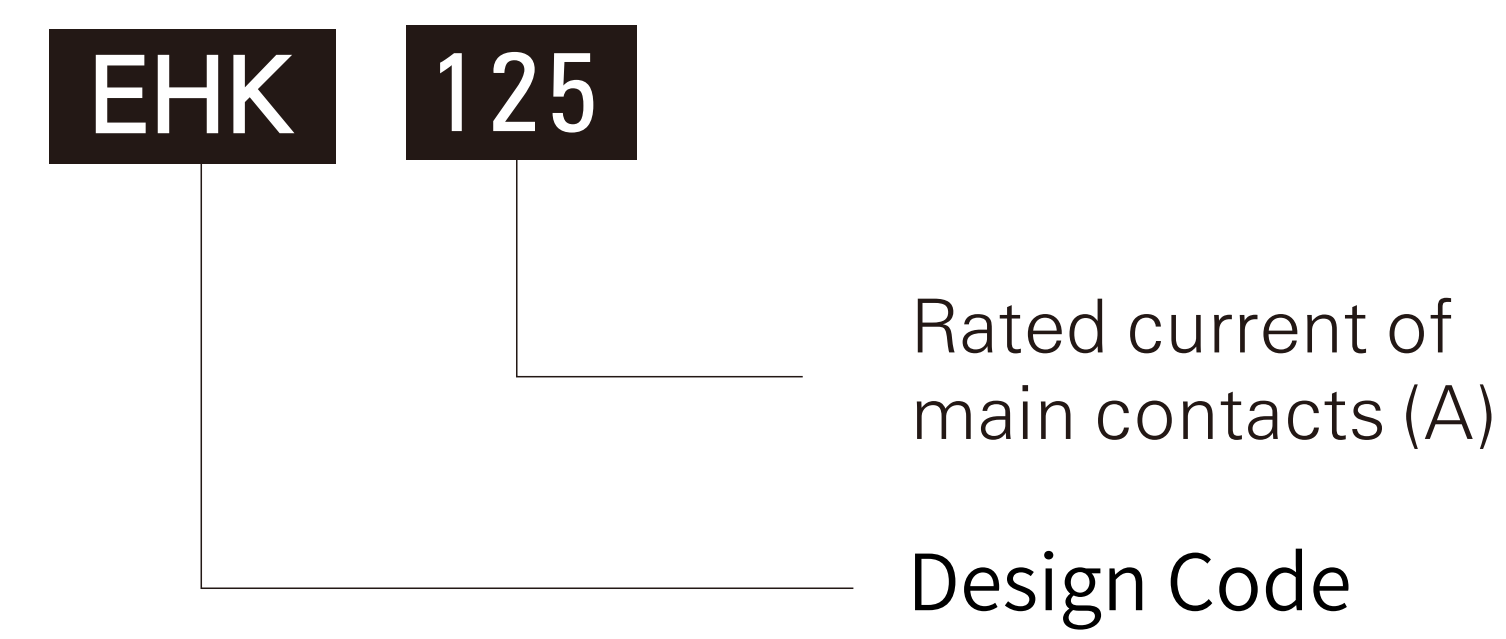
Outline and Mounting Picture

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Application

EHK series emergency power-off switch adopts mechanical limit design and uses red mushroom head handle to control the switch on and off. The product design is compact and reliable. It is widely used in battery vehicles, electric forklifts, electric vehicles, excavators and other DC. The power system is used to disconnect the power supply in an emergency to prevent accidents from spreading and spreading. The current rating of this series is 125A, 250A, 350A; and the load low voltage covers all ranges below DC 80V.

Model and Meanings



Electric Wiring Diagram

