

Usage Manual



ISOLATION SWITCH

Onninen Sp. z o.o.
Teolin 18B, 92-701 Lodz, Poland
<https://onninen.pl/>

Thank you for choosing EK Series Isolation Switch. Please read this manual before installation, operation and maintenance.

STANDARD AND QUALITY CERTIFICATES

CE RoHS

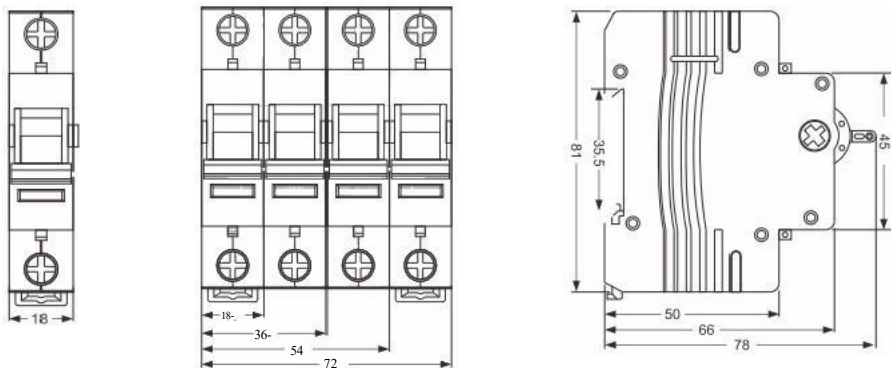
Technical Data

Model	EKD1-125,EKD3-125
Rated current In	32,40,50,63,80,100,125A
Poles	1P,2P,3P,4P
Rated voltage Ue	240/415V~
Insulation voltage Ui	500V
Rated frequency	50/60Hz
Rated short-time withstand current Icw	12Ie,1s
Rated making and breaking capacity	3Ie,1.05Ue,cosφ=0.65
Rated short circuit making capacity	20Ie,t=0.1s
Rated impulse withstand voltage (1.5/50) Uimp	4,000V
Dielectric test voltage at ind.Freq. for 1min	2.5kV
Utilization category	AC-22A

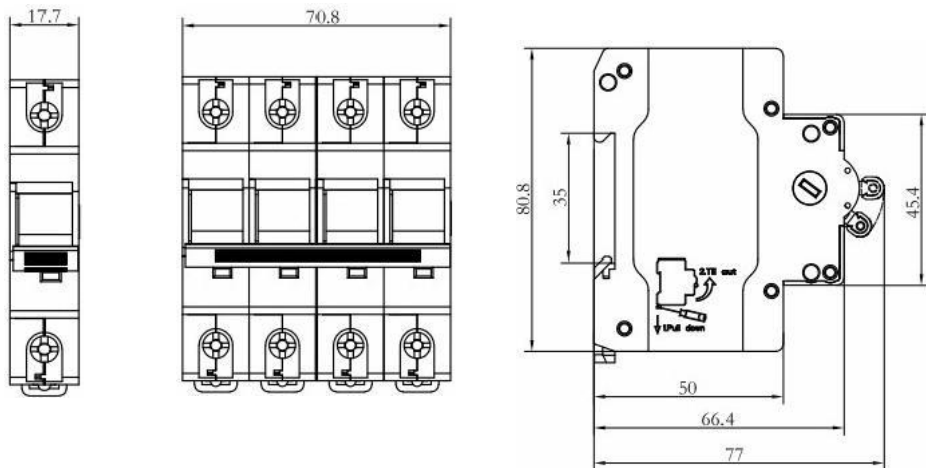
Electrical life	4,000 Cycles
Mechanical life	10,000 Cycles
Contact position indicator	Yes
Protection degree	IP20
Terminal connection type	Cable/Pin-type busbar /U-type busbar
Terminal size top/bottom for cable	50mm ² 18-2AWG
Terminal size top/bottom for busbar	50mm ² 18-2AWG
Tightening torque	3.5Nm 30In-lbs
Mounting	On DIN rail EN60715 (35mm) by means of fast clip device
Connection	From top and bottom

Overall and Installation Dimension(mm)

EKD1-125



EKD3-125



Circuit Diagram

