

EKD1-125



Isolation Switch

Standard_ IEC60947-3



Technical Data

Electrical Features	Rated current I_n	32,40,50,63,80,100,125A
	Poles	1P,2P,3P,4P
	Rated voltage U_e	240/415V~
	Insulation voltage U_i	500V
	Rated frequency	50/60Hz
	Rated short-time withstand current I_{cw}	12I _e ,1s
	Rated making and breaking capacity	3I _e ,1.05U _e ,cos φ =0.65
	Rated short circuit making capacity	20I _e ,t=0.1s
	Rated impulse withstand voltage(1.5/50) U_{imp}	4,000V
	Dielectric test voltage at ind.Freq. for 1min	2.5kV
Utilization category	AC-22A	
Mechanical Features	Electrical life	4,000 Cycles
	Mechanical life	10,000 Cycles
	Contact position indicator	Yes
	Protection degree	IP20
Installation	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	Power supply in both directions

Overall and Installation Dimension(mm)

