

## ELI Series Isolating Switch

### Application

<b>Standard</b>	Confirming to EN / IEC60947-3
<b>Number of poles</b>	1P, 2P, 3P, 4P
<b>Rated currents</b>	16, 20, 25, 32, 40, 50, 63, 80, 100, 125A
<b>Rated voltage</b>	1pole 230/400V AC 50/60Hz 2,3,4pole 400V AC 50/60Hz
<b>Utilization category</b>	AC-22A
<b>Icw</b>	12Ie, t=0.1s
<b>Rated short-circuit making capacity Icm</b>	20Ie, t=0.1s
<b>Rated making &amp; breaking capacity</b>	3Ie, 1.05Ue, COS φ =0.65
<b>Rated insulation voltage Ui</b>	690V
<b>Rated impulse withstand voltage Uimp</b>	4000V
<b>Electrical endurance</b>	1500
<b>Mechanical endurance</b>	10000
<b>Type of terminal</b>	Lug type and Pin type
<b>Terminal capacity</b>	Cables up to 50mm <sup>2</sup>
<b>Protection degree</b>	IP20
<b>Installation</b>	Mounting on 35mm DIN rail
<b>Width</b>	17.5mm per pole

### 1. Endurance(operations)

Category	Operations	Operation frequency	Rated current
Electric endurance	1500	120/h	16~125A
Mechanical endurance	10000	120/h	16~125A

### 2. Wiring

The suitable conductors should be used for connection, see table below for relative parameters.

Rated current In (A)	Cross section area S (mm <sup>2</sup> )	Tightening torque (N.m)
16	2.5	2.5
20	2.5	2.5
25	4	2.5
32	6	2.5
40	10	2.5
50	10	2.5
63	16	3.5
80	35	3.5
100	35	3.5
125	50	3.5

### 3. Features

1. Current capacity is enhanced and electric drive compensation is fully applied
2. Reliable operation thanks to special designed operating mechanism
3. Safe operation is ensured

### 4. Overall and mounting dimensions

