



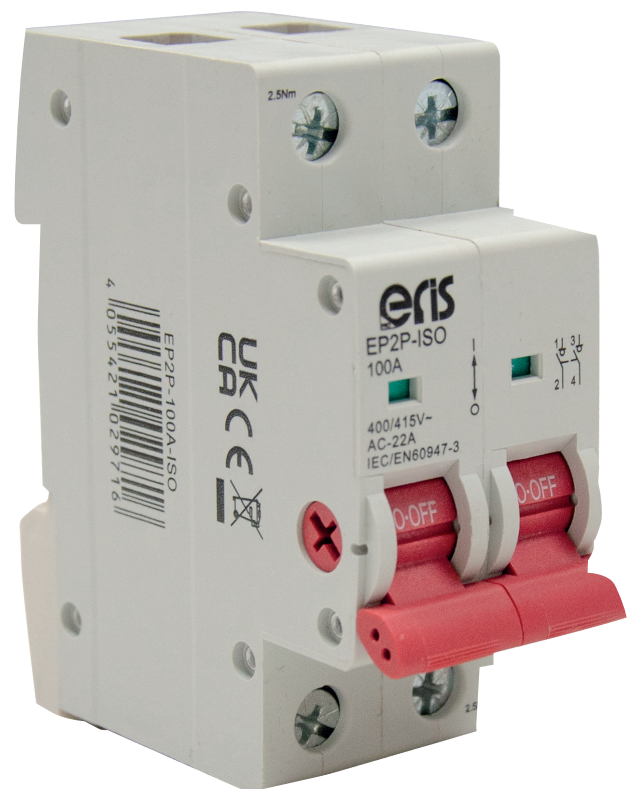
# 100A Disconnect Switch, 2 Pole

## Specification Sheet

Part No: EP2P-100A-ISO

### Technical Specification

Specification	
Rated current in	100A
Poles	2P
Rated voltage Ue	240/415V~
Insulation voltage Ui	500V
Rated frequency	50/60Hz
Rated short-time with stand current Icw	12Ie,1s
Rated making and breaking capacity	3Ie,1.05Ue,cos Φ=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



### Installation

Specification	
Terminal connection type	Cable/Pin-type busbar/ U-type busbar
Terminal size top/bottom for cable	50mm <sup>2</sup> 18-2AWG
Terminal size top/bottom for busbar	50mm <sup>2</sup> 18-2AWG
Tightening torque	2.5Nm 22.1in-lbs
Mounting	On DIN rail EN60715(35mm) by means of fast clip device
Connection	Power supply in both directions

### Mechanical Features

Specification	
Electrical life	4,000 Cycles
Mechanical life	10,000 Cycles
Contact position indicator	Yes
Protection degree	IP20