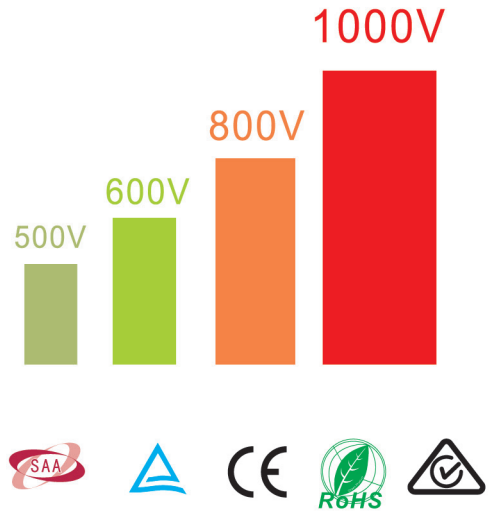


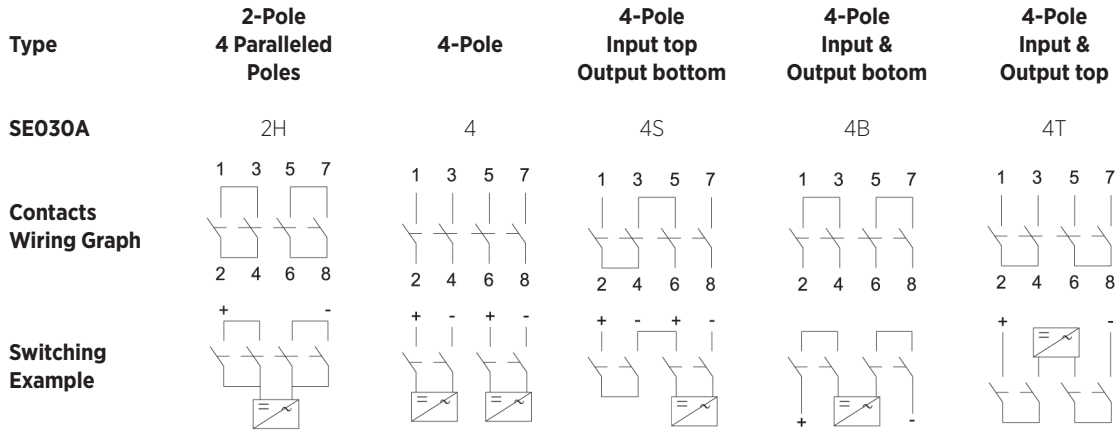
SE030A 1000V DC Isolator 32A

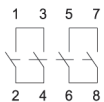
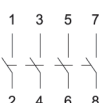
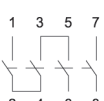
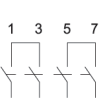
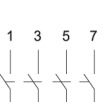


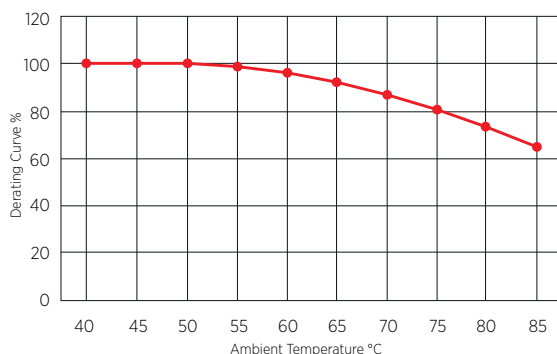
Technical Specifications

| | |
|-------------------------------------------------------|---------------------------------------------------|
| Max. Rated Voltage | 1000VDC |
| Max Rated Current | 32A |
| Available in Pole Versoins | 4 Poles |
| Extremely Short Power Shut Off Time | 3ms |
| Standard | IEC60947-3 DC-21B |
| Protection Degree | IP66 |
| Flammability | UL-94VO |
| Type of Plastic | PC |
| Temperature Range | -5°C-+80°C |
| UV & Chemical Resistance | ASTM D4459 of chromatism is ≤ 0.7 after 200h |
| Non-Polarised | Compliance with AS/NZS 5033: 2012 clause 4.3.5 |
| Pollution Degree | 3 |
| Suitability for Isolation | Yes |
| Contact Material | Silver Plating |
| Caps for Screw to Ensure IP Rating after Installation | Yes |
| Padlockable Handle | Yes |
| Measurement (L x W x H) | 187.6 x 98.6 x 108.6mm |

Switching Configurations



| Contact Configuration | 500V | 600V | 800V | 1000V | Poles in Series | Number of Strings | Type Number | Weight kg/pcs |
|-------------------------------------------------------------------------------------|------|------|------|-------|-----------------|-------------------|-------------|---------------|
|  | 50A | 50A | 23A | 13A | 2 | 1 | PE 2H | 0.69 |
|  | 32A | 32A | 23A | 13A | 2 | 2 | PE 4 | 0.69 |
|  | 32A | 32A | 32A | 32A | 4 | 1 | PE 4S | 0.69 |
|  | 32A | 32A | 32A | 32A | 4 | 1 | PE 4B | 0.69 |
|  | 32A | 32A | 32A | 32A | 4 | 1 | PE 4T | 0.69 |



| Ambient Temp (°C) | Temp of Positive Terminal (°C) | Temp of Negative Terminal (°C) | Temp of Positive Enclosure (°C) | Temp of Negative Enclosure (°C) | Actual Value of Current (A) | Percent of Current |
|-------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|-----------------------------|--------------------|
| 50 | 90.1 | 89.0 | 65.4 | 65.8 | 32.0 | 100.0 |
| 55 | 90.1 | 89.1 | 67.3 | 67.0 | 31.6 | 98.8 |
| 60 | 90.2 | 89.6 | 68.9 | 69.9 | 31.2 | 98.5 |
| 65 | 90.1 | 89.7 | 72.5 | 73.4 | 9.7 | 92.8 |
| 70 | 90.2 | 89.6 | 77.8 | 77.5 | 28.2 | 88.1 |
| 75 | 90.1 | 90.1 | 80.5 | 79.8 | 26.3 | 82.1 |
| 80 | 90.1 | 90.0 | 84.3 | 83.9 | 23.6 | 73.8 |
| 85 | 90.3 | 90.2 | 86.0 | 85.8 | 21.7 | 67.8 |