

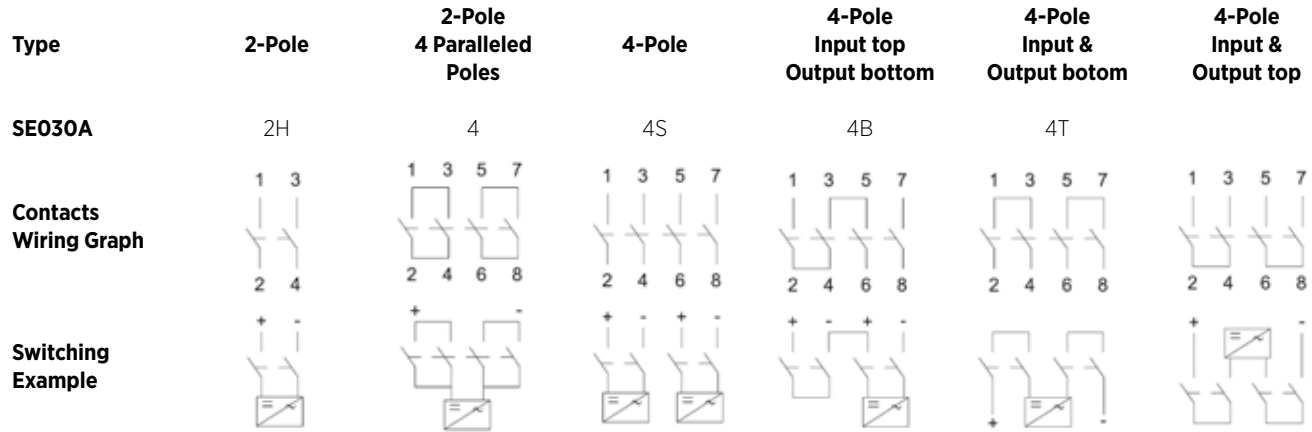
# SE030A 1000V DC Isolator 32A



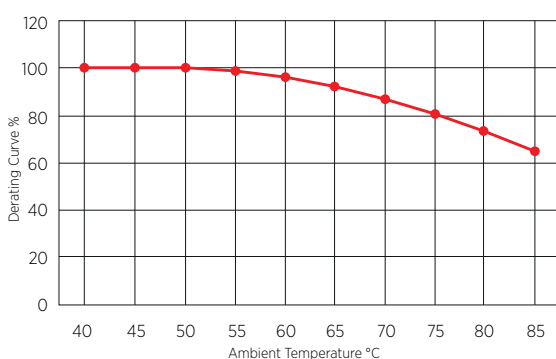
### Technical Specifications

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 $\leq 0.7$ 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
	32A	32A	23A	13A	2	1	PE2	0.69
	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