

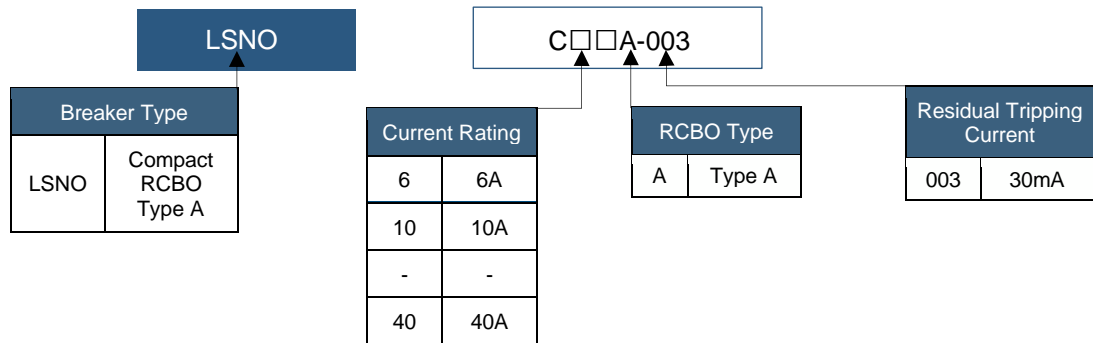
Catalogue number: **LSNOC□□A-003**

RCBO 6-40A C curve 6kA Type A



Residual Current Circuit Breaker with Overload Protection

- Overload and short circuit protection
- Earth Leakage and Residual Current protection
- 17.8mm Pitch
- Easy Mounting on 35mm DIN rail
- Breaking Capacity 6kA
- Characteristics: C curve
- Thermal Magnetic release
- Standards: Conforming to AS/NZ 61009.1
- ESV Compliant RCBO design
- Approval: RCM

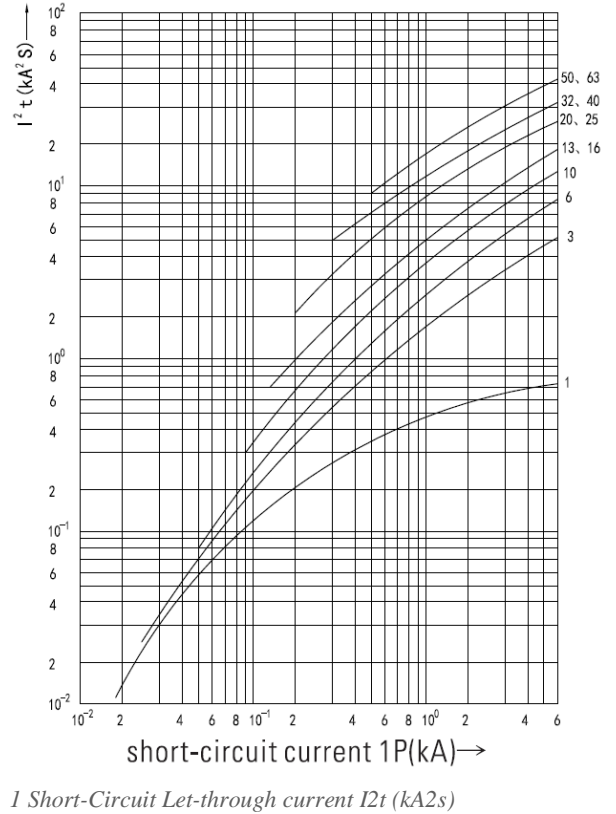
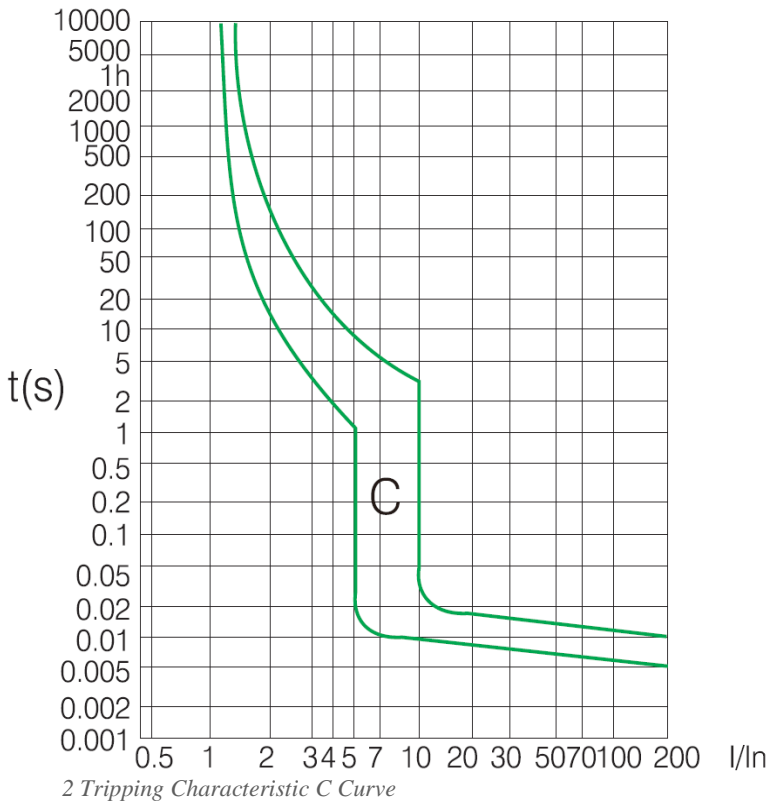


Technical Data

Characteristics	
Product Range	Eureka Compact RCBO
Protection	Overload and short circuit Earth Leakage and Residual current
Number of poles	1P+N
Rated Current (A)	6, 10, 16, 20, 25, 32, 40
Rated Voltage	1 Pole: 230/240VAC 50/60Hz 2,3,4 Pole: 400/415VAC 50/60Hz
Characteristic	C curve
Breaking Capacity	I _{cn} =I _{cs} =6kA
Rated Residual Making and Breaking Capacity	I _{Δm} =3kA
Rated Operating Residual Current	30mA
Residual Tripping Characteristics	Type A
Terminal capacity	Cables up to 16mm ²
Dielectric Strength	2500V
Installation	Mounting on 35mm DIN rail
Width	18mm per pole
Endurance Electrical	10,000 operations
Endurance Mechanical	30,000 operations
Standard	IEC/EN 61009-1 AS/NZ61009.1



Characteristic Curves



Temperature Compensation Table

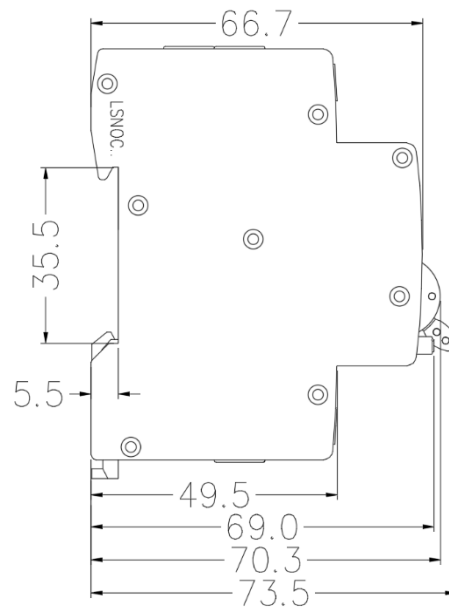
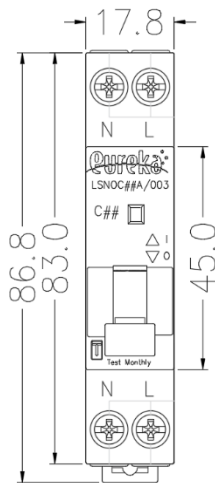
In(A)	-40	-30	-20	-10	0	10	20	30	40	50	60
0.5	0.61	0.60	0.59	0.57	0.59	0.54	0.52	0.50	0.47	0.44	0.41
1	1.22	1.20	1.18	1.15	1.12	1.09	1.05	1.00	0.94	0.88	0.82
1.6	1.95	1.92	1.89	1.84	1.79	1.74	1.68	1.60	1.51	1.42	1.32
2	2.44	2.40	2.36	2.30	2.24	2.18	2.10	2.00	1.88	1.77	1.65
4	4.88	4.80	4.72	4.61	4.49	4.36	4.20	4.00	3.77	3.55	3.29
6	7.32	7.20	7.09	6.91	6.73	6.54	6.31	6.00	5.66	5.33	4.94
10	12.20	12.00	11.80	11.50	11.20	10.90	10.50	10.00	9.44	8.89	8.23
13	15.90	15.60	15.40	14.90	14.50	14.10	13.60	13.00	12.20	11.50	10.70
16	19.50	19.20	18.90	18.40	17.90	17.40	16.80	16.00	15.10	14.20	13.20
20	24.40	24.00	23.60	23.00	22.40	21.80	21.00	21.00	18.80	17.70	16.50
25	30.50	30.00	29.50	28.80	28.00	27.20	26.30	25.00	23.60	22.20	20.60
32	39.00	38.40	37.80	36.90	35.90	34.90	33.60	32.00	30.20	28.40	26.30
40	48.80	48.00	47.80	46.10	44.90	43.60	42.00	40.00	37.70	35.50	32.90
50	61.00	60.00	59.10	57.60	56.10	54.50	52.60	50.00	47.20	44.40	41.20
63	76.90	75.60	74.40	72.60	70.70	68.70	66.20	63.00	59.40	56.00	51.90

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Dimensions

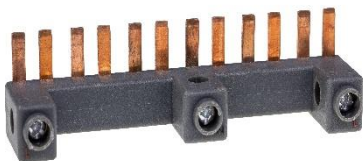


Accessories



EUR-BBC3P LS

3 Pole Busbar comb to suit LSNO RCBO's.



EUR-BBC6P LS

6 Pole Busbar comb to suit LSNO RCBO's



MCBLDOG

Lock dog to suit all miniature circuit breaker



EUR-PF6

6 Pole pole filler