

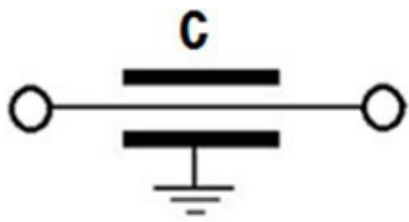
Features

- Wide range of capacitance
- Rated up to 200A
- High quality and Reliability
- Good Corrosion resistant

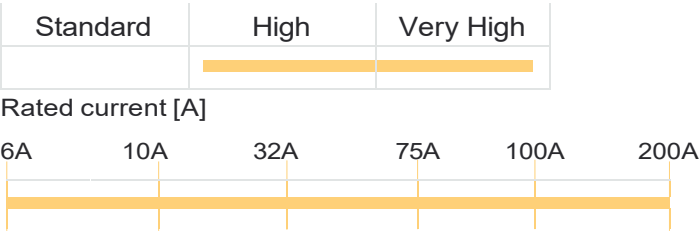
Applications

- Telephone exchanges, base stations
- Electrical machines and systems
- Power amplifiers and generators
- RF power supplies/Switching power supplies

Typical Circuit Diagram



Performance Indicator



Approvals & Compliances



Technical Specifications

Maximum Continuous Operating Voltage	250VAC/250VDC
Operating Frequency	50/60Hz
Current ratings	6A to 200A @60°C
High Potential test voltage	3000VDC Line to Case For 2 sec
Capacitance Class	Y2
Design Corresponding to	IEC/EN60384-14
Flammability corresponding to	UL 94 V-0 or better
Temperature range	-40°C to +100°C (40/100/21)

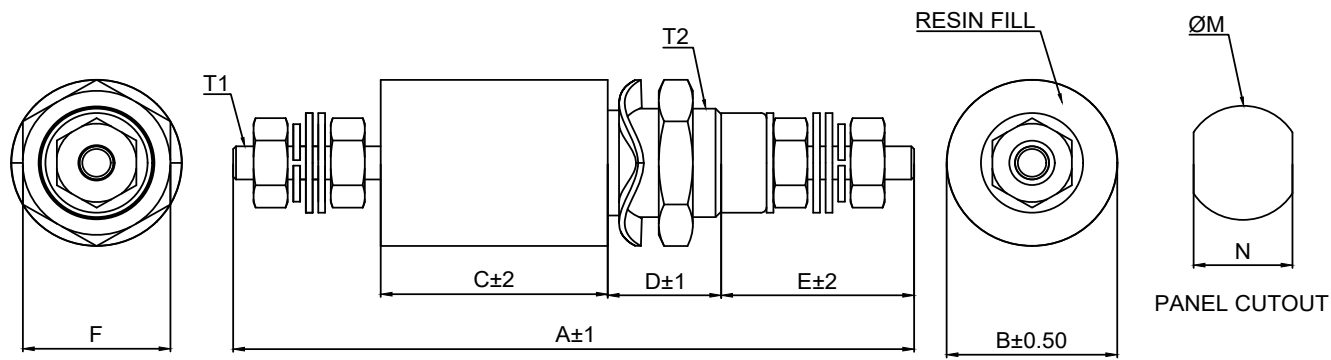
Selection Table

Available Part Number	Current Rating @60°C	Leakage Current (mA) @250 VAC/50Hz	Capacitance (nF)± 20%	A	B	C	D	E	F	T1	T2	M	N	Approx Weight (kg)
AMI-751-002N2-006	6A	0.25	2.2	70	15.8	25	10	20	13	M3	M10	10.3	-	0.1
AMI-751-002N2-010	10A			70	15.8	25	10	20	13	M3	M10	10.3	-	0.1
AMI-751-004N7-006	6A	0.5	4.7	70	20	25	10	21	13	M3	M10	10.3	-	0.2
AMI-751-004N7-010	10A			70	20	25	10	21	13	M3	M10	10.3	-	0.2
AMI-751-004N7-016	16A			77	20	25	12	24	17	M4	M12	12.3	-	0.2
AMI-751-004N7-032	32A			80	20	25	12	27	17	M5	M12	12.3	-	0.2
AMI-751-0010N-006	6A	1.0	10	70	20	25	10	21	13	M3	M10	10.3	-	0.2
AMI-751-0010N-010	10A			70	20	25	10	21	13	M3	M10	10.3	-	0.2
AMI-751-0010N-016	16A			77	20	25	12	24	17	M4	M12	12.3	-	0.2
AMI-751-0010N-032	32A			80	20	25	12	27	17	M5	M12	12.3	-	0.2
AMI-751-0010N-063	63A			98	25	25	14	33	22	M6	M16	16.3	14.3	0.2
AMI-751-0010N-075	75A			108	25	25	14	37	22	M8	M16	16.3	14.3	0.25
AMI-751-0022N-016	16A	2.5	22	77	28	25	12	25	17	M4	M12	12.3	-	0.25
AMI-751-0022N-032	32A			80	28	25	12	27	17	M5	M12	12.3	-	0.25
AMI-751-0022N-063	63A			98	32	25	14	33	22	M6	M16	16.3	14.3	0.3
AMI-751-0022N-075	75A			108	32	25	16	37	25	M8	M20	20.3	18.3	0.3
AMI-751-0033N-016	16A	3.5	33	33	25	25	12	24	17	M4	M12	12.3	-	0.2
AMI-751-0033N-032	32A			86	25	25	12	27	17	M5	M12	12.3	-	0.2
AMI-751-0033N-063	63A			108	28	35	14	33	22	M6	M16	16.3	14.3	0.3
AMI-751-0033N-075	75A			118	28	35	16	37	25	M8	M20	20.3	18.3	0.35
AMI-751-0047N-016	16A	5.0	47	80	25	25	12	24	17	M4	M12	12.3	-	0.2
AMI-751-0047N-032	32A			86	25	25	12	27	17	M5	M12	12.3	-	0.2
AMI-751-0047N-063	63A			108	28	35	14	33	22	M6	M16	16.3	14.3	0.3
AMI-751-0047N-075	75A			118	28	35	16	37	25	M8	M20	20.3	18.3	0.35
AMI-751-0047N-100	100A			118	28	35	16	37	25	M8	M20	20.3	18.3	0.35
AMI-751-0100N-016	16A	10.0	100	80	32	25	14	24	22	M4	M16	16.3	14.3	0.3
AMI-751-0100N-032	32A			86	32	25	14	27	22	M5	M16	16.3	14.3	0.3
AMI-751-0100N-063	63A			108	32	35	14	33	22	M6	M16	16.3	14.3	0.4
AMI-751-0100N-075	75A			118	32	35	16	37	25	M8	M20	20.3	18.3	0.45
AMI-751-0100N-100	100A			118	32	35	16	37	25	M8	M20	20.3	18.3	0.45
AMI-751-0100N-150	150A			134	38	35	19	45	32	M10	M24	24.3	22.3	0.55
AMI-751-0100N-200	200A			134	38	35	19	45	32	M10	M24	24.3	22.3	0.55
AMI-751-0220N-010	10A	25.0	220	88	38	35	12	24	13	M3	M12	12.3	-	0.45
AMI-751-0220N-016	16A			90	38	35	14	24	24	M4	M16	16.3	14.3	0.45
AMI-751-0220N-032	32A			96	38	35	14	27	24	M5	M16	16.3	14.3	0.45
AMI-751-0220N-063	63A			117	38	44	14	33	24	M6	M16	16.3	14.3	0.55
AMI-751-0220N-075	75A			127	38	44	16	37	27	M8	M20	20.3	18.3	0.6
AMI-751-0220N-100	100A			127	38	44	16	37	27	M8	M20	20.3	18.3	0.6
AMI-751-0220N-150	150A			143	38	44	19	45	32	M10	M24	24.3	22.3	0.7
AMI-751-0220N-200	200A			143	38	44	19	45	32	M10	M24	24.3	22.3	0.7

Selection Table

Available Part Number	Current Rating @60°C	Leakage Current (mA) @250 VAC/50Hz	Capacitance (nF)± 20%	A	B	C	D	E	F	T1	T2	M	N	Approx Weight (kg)
AMI-751-0470N-010	10A	50.0	470	104	32	50	12	23	17	M3	M12	12.3	-	0.5
AMI-751-0470N-016	16A			108	32	50	12	25	17	M4	M12	12.3	-	0.5
AMI-751-0470N-032	32A			124	32	60	14	25	22	M5	M16	16.3	14.3	0.55
AMI-751-0470N-063	63A			143	32	70	14	33	22	M6	M16	16.3	14.3	0.6
AMI-751-0470N-075	75A			153	32	70	16	37	25	M8	M20	20.3	18.3	0.7
AMI-751-0470N-100	100A			153	32	70	16	37	25	M8	M20	20.3	18.3	0.7
AMI-751-0470N-150	150A			174	38	75	19	45	32	M10	M24	24.3	22.3	1
AMI-751-0470N-200	200A			174	38	75	19	45	32	M10	M24	24.3	22.3	1
AMI-751-1000N-010	10A	100.0	1000	115	32	60	12	24	17	M3	M12	12.3	-	0.55
AMI-751-1000N-016	16A			115	32	60	12	25	17	M4	M12	12.3	-	0.55
AMI-751-1000N-032	32A			130	32	70	14	25	22	M5	M16	16.3	14.3	0.6
AMI-751-1000N-063	63A			143	38	70	14	33	24	M6	M16	16.3	14.3	0.9
AMI-751-1000N-075	75A			153	38	70	16	37	27	M8	M20	20.3	18.3	0.9
AMI-751-1000N-100	100A			153	38	70	16	37	27	M8	M20	20.3	18.3	0.9
AMI-751-1000N-150	150A			174	38	75	19	45	32	M10	M24	24.3	22.3	1
AMI-751-1000N-200	200A			174	38	75	19	45	32	M10	M24	24.3	22.3	1
AMI-751-2200N-010	10A	210.0	2200	115	32	60	12	23	17	M3	M12	12.3	-	0.55
AMI-751-2200N-016	16A			118	32	60	14	24	22	M4	M16	16.3	14.3	0.55
AMI-751-2200N-032	32A			130	38	70	14	25	24	M5	M16	16.3	14.3	0.9
AMI-751-2200N-063	63A			143	38	70	14	33	24	M6	M16	16.3	14.3	0.9
AMI-751-2200N-075	75A			153	38	70	16	37	27	M8	M20	20.3	18.3	0.9
AMI-751-2200N-100	100A			153	38	70	16	37	27	M8	M20	20.3	18.3	0.9
AMI-751-2200N-150	150A			174	57	75	19	43	40	M10	M24	24.3	22.3	2
AMI-751-2200N-200	200A			174	57	75	19	43	40	M10	M24	24.3	22.3	2
AMI-751-3300N-010	10A	320.0	3300	125	57	70	14	22	24	M3	M16	16.3	14.3	2
AMI-751-3300N-016	16A			125	57	70	14	24	24	M4	M16	16.3	14.3	2
AMI-751-3300N-032	32A			130	57	70	14	25	24	M5	M16	16.3	14.3	2
AMI-751-3300N-063	63A			145	57	70	16	33	27	M6	M20	20.3	18.3	2
AMI-751-3300N-075	75A			153	57	70	16	37	27	M8	M20	20.3	18.3	2
AMI-751-3300N-100	100A			153	57	70	16	37	27	M8	M20	20.3	18.3	2
AMI-751-3300N-150	150A			174	57	75	19	43	40	M10	M24	24.3	22.3	2
AMI-751-3300N-200	200A			174	57	75	19	43	40	M10	M24	24.3	22.3	2
AMI-751-4700N-010	10A	450.0	4700	125	57	70	14	22	24	M3	M16	16.3	14.3	2
AMI-751-4700N-016	16A			125	57	70	14	24	24	M4	M16	16.3	14.3	2
AMI-751-4700N-032	32A			130	57	70	14	25	24	M5	M16	16.3	14.3	2
AMI-751-4700N-063	63A			145	57	70	16	33	27	M6	M20	20.3	18.3	2
AMI-751-4700N-075	75A			153	57	70	16	37	27	M8	M20	20.3	18.3	2
AMI-751-4700N-100	100A			153	57	70	16	37	27	M8	M20	20.3	18.3	2
AMI-751-4700N-150	150A			174	57	75	19	43	40	M10	M24	24.3	22.3	2
AMI-751-4700N-200	200A			174	57	75	19	43	40	M10	M24	24.3	22.3	2

Mechanical Drawing



Typical Insertion Loss (At 50Ω)

Capacitance (nF)	Frequency (Hz)	0.03M	0.1M	1M	10M	100M	1G
2.2	Attenuation in dB	-	-	-	8	38	45
4.7		-	-	-	14	43	60
10		-	-	3	21	45	70
22		-	-	6	25	45	70
33		-	-	12	30	48	70
47		-	2	15	34	50	80
100		2	5	20	40	65	80
220		4	11	27	45	80	80
470		9	16	33	33	80	80
1000		15	22	40	42	80	80
2200		20	30	45	47	85	90
3300		30	40	50	52	85	90
4700		38	40	52	57	85	90

Torque Details

	M3	M4	M5	M6	M8	M10	M10X1	M12X1	M16X1	M20X1	M24X1
Terminal thread	0.5Nm	1.2Nm	1.8Nm	3Nm	6Nm	10Nm	----	----	----	----	----
Mounting thread	----	----	----	----	----	----	10Nm	14Nm	25Nm	36Nm	50Nm