

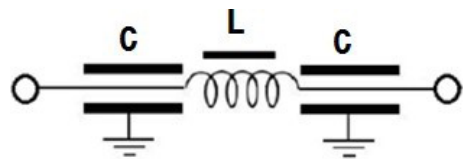
Features

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

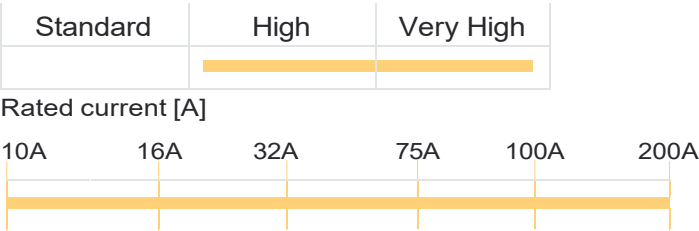
Applications

- Telephone exchanges, base stations
- Electrical machines and systems
- Power Supplies and MRI Rooms
- RF power supplies/Switching power supplies

Typical Circuit Diagram



Performance Indicator



Approvals & Compliances



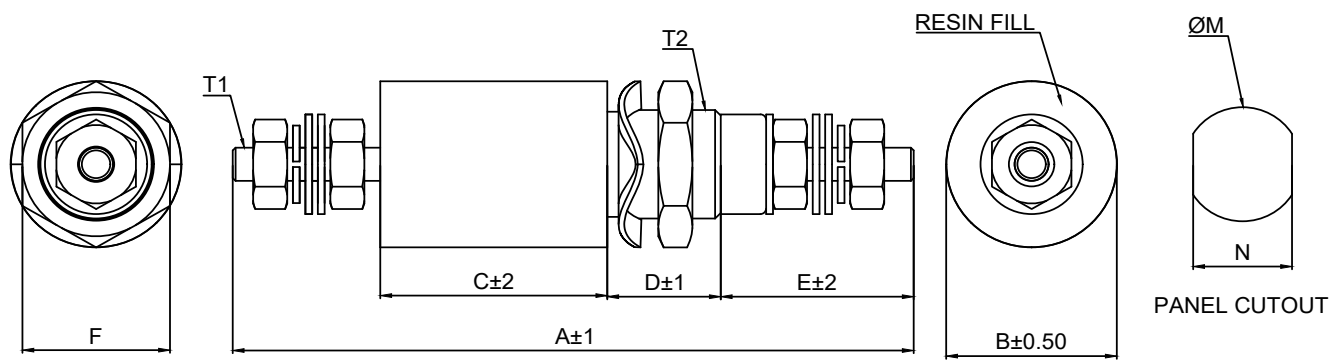
Technical Specifications

Maximum Continuous Operating Voltage	250VAC/250VDC
Operating Frequency	50/60Hz
Current ratings	10A to 200A @60°C
High Potential test voltage	3000VDC Line to Case For 2 sec
Capacitance Class	Y2
Design Corresponding to	UL60939-3
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/50H	Capacitance (nF)± 20%	A	B	C	D	E	F	T1	T2	M	N	Approx Weight (kg)
AMI-761-0010N-010	10A	2.0	10	125	25	70	12	24	17	M3	M12	12.3	-	0.5
AMI-761-0022N-016	16A	4.5	22	130	28	82	14	28	22	M4	M16	16.3	14.3	0.75
AMI-761-0022N-032	32A			140	28	82	14	30	22	M5	M16	16.3	14.3	0.75
AMI-761-0047N-010	10A	10.0	47	150	28	86	14	24	22	M3	M16	16.3	14.3	0.75
AMI-761-0100N-016	16A	20.0	100	150	28	86	14	24	22	M4	M16	16.3	14.3	0.75
AMI-761-0100N-032	32A			150	32	90	14	28	22	M5	M16	16.3	14.3	1
AMI-761-0100N-075	75A			200	38	110	16	37	27	M8	M20	20.3	18.3	1.5
AMI-761-0150N-063	63A	30.0	150	185	38	110	16	32	27	M6	M20	20.3	18.3	1.5
AMI-761-0470N-010	10A	90.0	470	210	32	150	14	23	22	M3	M16	16.3	14.3	1.5
AMI-761-0470N-016	16A			210	38	150	14	24	24	M4	M16	16.3	14.3	1.5
AMI-761-0470N-025	25A			220	38	160	14	27	24	M5	M16	16.3	14.3	2.5
AMI-761-0470N-032	32A			240	38	170	14	27	24	M5	M16	16.3	14.3	2.5
AMI-761-0470N-063	63A			245	38	170	14	33	24	M6	M16	16.3	14.3	2.5
AMI-761-0470N-075	75A			258	38	170	16	37	27	M8	M20	20.3	18.3	2.5
AMI-761-0470N-100	100A			258	38	170	16	37	27	M8	M20	20.3	18.3	2.5
AMI-761-0470N-200	200A			275	57	180	19	45	40	M10	M24	24.3	22.3	4.5
AMI-761-1000N-010	10A	190.0	1000	210	38	150	14	27	24	M3	M16	16.3	14.3	2.5
AMI-761-1000N-016	16A			210	38	150	14	27	24	M4	M16	16.3	14.3	2.5
AMI-761-1000N-025	25A			220	38	160	14	27	24	M5	M16	16.3	14.3	2.5
AMI-761-1000N-032	32A			240	38	170	14	30	24	M5	M16	16.3	14.3	2.5
AMI-761-1000N-063	63A			245	57	170	16	33	27	M6	M20	20.3	18.3	4.5
AMI-761-1000N-075	75A			258	57	170	19	37	40	M8	M24	24.3	22.3	4.5
AMI-761-1000N-100	100A			258	57	170	19	37	40	M8	M24	24.3	22.3	4.5
AMI-761-1000N-200	200A			275	57	180	19	45	40	M10	M24	24.3	22.3	4.5
AMI-761-2200N-010	10A	420.0	2200	210	38	150	14	22	24	M3	M16	16.3	14.3	2.5
AMI-761-2200N-016	16A			210	38	150	14	22	24	M4	M16	16.3	14.3	2.5
AMI-761-2200N-032	32A			240	57	170	14	24	24	M5	M16	16.3	14.3	4.5
AMI-761-2200N-063	63A			245	57	170	16	33	27	M6	M20	20.3	18.3	4.5
AMI-761-2200N-075	75A			258	57	170	19	37	40	M8	M24	24.3	22.3	4.5
AMI-761-2200N-100	100A			258	57	170	19	37	40	M8	M24	24.3	22.3	4.5
AMI-761-2200N-200	200A			275	57	180	19	45	40	M10	M24	24.3	22.3	4.5
AMI-761-3300N-010	10A	630.0	3300	216	57	160	14	22	24	M3	M16	16.3	14.3	4.5
AMI-761-3300N-016	16A			220	57	160	14	22	24	M4	M16	16.3	14.3	4.5
AMI-761-3300N-032	32A			240	57	170	14	30	24	M5	M16	16.3	14.3	4.5
AMI-761-3300N-063	63A			245	57	170	16	33	27	M6	M20	20.3	18.3	4.5
AMI-761-3300N-100	100A			258	57	170	19	37	40	M8	M24	24.3	22.3	4.5
AMI-761-3300N-200	200A			275	57	180	19	45	40	M8	M24	24.3	22.3	4.5
AMI-761-4700N-063	63A	890.0	4700	245	57	170	16	33	27	M6	M20	20.3	18.3	4.5
AMI-761-4700N-100	100A			258	57	170	19	37	40	M8	M24	24.3	22.3	4.5
AMI-761-4700N-200	200A			275	57	180	19	45	40	M10	M24	24.3	22.3	4.5

Mechanical Drawing



Typical Insertion Loss (At 50Ω)

Capacitance (nF)	Frequency (Hz)	0.03M	0.1M	1M	10M	100M	1G
10	Attenuation in dB	-	-	3	21	45	70
22		-	-	6	25	45	70
47		-	2	15	34	50	80
100		2	5	20	40	65	80
150		2	5	20	40	65	80
470		9	16	33	33	80	80
1000		15	22	40	42	80	80
2200		18	25	42	45	80	80
3300		20	28	45	48	80	80
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