

SCREW TERMINALS - Long life 85°C / 10000 h

Description

Poles brought out to heavy duty screw terminals.
Aluminum case with insulated sleeve and safety vent.
High CV and reliability.

Applications

Industrial and professional power electronics, welding machine, motor drives, traction, battery chargers, S.M.P.S., U.P.S., inverters, converters.

Features

Low equivalent series resistance (E.S.R.).
High ripple current (R.C.) in small case size.
Different case size available for capacitance values

Mounting

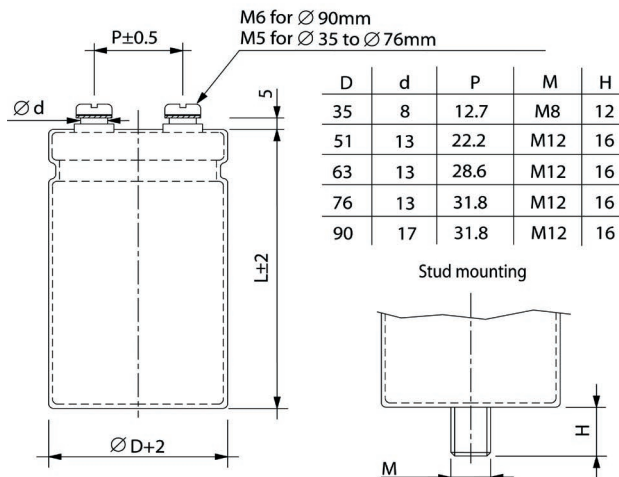
Vertically or horizontally, with the safety-vent upwards.
Threaded stud is available upon request
In this configuration the stud is not insulated.

Marking

ARCOTRONICS' logo
series: (EPH)
operating temperature: (85°C)
capacitance (μF),
rated voltage: (Vdc),
environmental classification (40/85/56),
negative polarity (white line), date code.

Diagram of dimensions (mm)

The dimensions "Ø d" indicated is the standard value.
Different value can be selected with the 14th digit of P/N only
for Ø D = 51 to 76 mm



Electrical characteristics

Rated voltage	16 to 450 Vdc
Operating temperature	-40 to +85°C
Capacitance range	220 μF to 1 500 000μF
Capacitance tolerance	± 20% at 100Hz / 20°C
Endurance test	2000 h (see conditions in test method and performance)
Useful life	10000 h (see conditions in test method and performance)
Leakage current	I = 0.006 CV (μA) C = rated capacitance (μF); V = rated voltage (Vdc) (after than D.C. rated working voltage at 20°C has been applied for 5 min)

Compensation factor of ripple current (R.C.) vs. frequency

Frequency	50 Hz	100 Hz	500 Hz	1kHz	≥10 kHz
Multiplier factors	0.8	1.0	1.2	1.3	1.5

Compensation factor of ripple current (R.C.) vs. temperature

Temperature	35°C	45°C	55°C	65°C	75°C	85°C
Multiplier factors	2.2	2.1	1.8	1.6	1.4	1.0

The maximum temperature allowable on the hottest part of the winding is 93°C and due to the current load capability of the contact elements, the following limits must not be exceeded:

Case diameter	Ø 35mm	Ø 51mm	Ø 63mm	Ø 76mm	Ø 90mm
Max current (A)	20	30	40	50	70

The maximum torques applicable to insert and stud is the following:

Stud thread M8	4 Nm
Stud thread M12	8 Nm
Insert thread M5	2 Nm
Insert thread M6	4 Nm

The 15th digit of P/N change with the choice of accessories:

A: flat case without accessories	T: stud mounting + 39522111000 Ø 35mm (see accessory)
Z: flat case + ring clip	U: stud mounting + 39522111200 from Ø 51 to 90 mm (see accessory)
S: stud mounting without accessories	X: stud mounting + 39522111500 from Ø 51 to 90 mm (see accessory)
	Y: stud mounting + 39522112000 from Ø 51 to 90 mm (see accessory)
	W: stud mounting + 39522112500 from Ø 51 to 90 mm (see accessory)

SCREW TERMINALS - Long life 85°C / 10000 h

Test method and performance

Conditions	Load life test	Shelf life test
Temperature: Test duration: Ripple current: Voltage:	85°C 2000 hours max ripple current at 100 Hz 85°C specified in table the sum of D.C. voltage and the peak A.C. voltage must not exceed the rated voltage of capacitor.	85°C 500 hours no ripple current applied. no voltage applied.
Performance	The following specifications will be satisfied when the capacitors will be restored at 25°C.	
Capacitance change: E.S.R. (100Hz max): Leakage current:	within 20% of initial value. not exceed 200% of the initial requirement. not exceed initial requirement.	within 15% of initial value. not exceed 150% of the initial requirement. not exceed initial requirement.

	Useful life
Test conditions Temperature: Duration: Ripple current: Voltage:	85°C 10 000 hours max ripple current at 100 Hz 85°C specified in table. the sum of D.C. voltage and the peak A.C. voltage must not exceed the rated voltage of the capacitor.
Performance	The following specifications will be satisfied when the capacitors are restored at 25°C.
Capacitance Change: E.S.R. (100Hz max): Leakage current: Others:	within 50% of initial value not exceed 300% of initial requirement not exceed initial requirement safety-device do not open.
Failure percentage	The failure percentage is ≤1%

Technical data and ordering codes

Rated cap. 100 Hz 20°C (μF)	Case size DxL (mm)	16 Vdc Rated voltage - 18 Vdc Surge voltage					L.C. 20°C 5 min. (mA)	Arcotronics P/N
		E.S.R. max. 100 Hz 25°C (mΩ)	E.S.R. Typ. 100 Hz 25°C (mΩ)	Z max 10 kHz 25°C (mΩ)	R.C. 100 Hz 85°C (A _{rms})			
22 000	35 x 60	25	15	17	6.6	2.1		EPH229M016AT8A_
33 000	35 x 60	19	13	13	9.2	3.2		EPH339M016AT8A_
33 000	35 x 79	19	13	13	10.2	3.2		EPH339M016AT9A_
47 000	35 x 79	19	12	13	10.8	4.5		EPH479M016AT9A_
47 000	51 x 79	19	12	11	12.5	4.5		EPH479M016AW2X_
68 000	51 x 79	14	12	11	15.7	6.5		EPH689M016AW2X_
100 000	51 x 79	13	10	11	16.5	9.6		EPH10KM016AW2X_
100 000	51 x 105	13	10	10	18.7	9.6		EPH10KM016AW3X_
150 000	51 x 105	12	10	9	19.5	14		EPH15KM016AW3X_
150 000	63 x 105	12	10	9	21.5	14		EPH15KM016AX1X_
220 000	63 x 105	11	8	8	22.4	21		EPH22KM016AX1X_
330 000	63 x 105	9	8	8	23.3	32		EPH33KM016AX1X_
330 000	76 x 105	9	8	8	25.0	32		EPH33KM016AY1X_
470 000	76 x 105	6	5	5	28.5	45		EPH47KM016AY1X_
470 000	76 x 143	6	5	5	32.0	45		EPH47KM016AY3X_
680 000	76 x 143	6	4	4	32.5	65		EPH68KM016AY3X_
1 000 000	76 x 143	4	3	3	34.5	96		EPH10LM016AY3X_
1 500 000	90 x 222	3	3	3	48.7	144		EPH15LM016AZ6X_

SCREW TERMINALS - Long life 85°C / 10000 h

25 Vdc Rated voltage - 29 Vdc Surge voltage							Arcotronics P/N
Rated cap. 100 Hz 20°C (μF)	Case size DxL (mm)	E.S.R. max. 100 Hz 25°C (mΩ)	E.S.R. Typ. 100 Hz 25°C (mΩ)	Z max 10 kHz 25°C (mΩ)	R.C. 100 Hz 85°C (A _{rms})	L.C. 20°C 5 min. (mA)	
10 000	35 x 60	40	27	21	5.9	1.5	EPH109M025AT8A_
15 000	35 x 60	30	16	15	8.3	2.2	EPH159M025AT8A_
22 000	35 x 79	25	12	10	10.8	3.3	EPH229M025AT9A_
33 000	35 x 79	19	12	10	12.1	4.9	EPH339M025AT9A_
33 000	51 x 79	19	12	10	13.3	4.9	EPH339M025AW2X_
47 000	51 x 79	17	12	10	15.7	7.0	EPH479M025AW2X_
68 000	51 x 79	14	10	9	16.4	10	EPH689M025AW2X_
68 000	51 x 105	14	10	9	18.7	10	EPH689M025AW3X_
100 000	63 x 105	11	10	9	21.5	15	EPH10KM025AX1X_
150 000	63 x 105	11	9	9	22.0	22	EPH15KM025AX1X_
150 000	76 x 105	11	9	9	23.5	22	EPH15KM025AY1X_
220 000	76 x 105	11	9	9	24.2	33	EPH22KM025AY1X_
220 000	76 x 143	11	9	9	28.5	33	EPH22KM025AY3X_
330 000	76 x 143	10	6	6	30.5	49	EPH33KM025AY3X_
470 000	76 x 222	7	5	5	35.6	70	EPH47KM025AY5X_

40 Vdc Rated voltage - 46 Vdc Surge voltage							Arcotronics P/N
Rated cap. 100 Hz 20°C (μF)	Case size DxL (mm)	E.S.R. max. 100 Hz 25°C (mΩ)	E.S.R. Typ. 100 Hz 25°C (mΩ)	Z max 10 kHz 25°C (mΩ)	R.C. 100 Hz 85°C (A _{rms})	L.C. 20°C 5 min. (mA)	
10 000	35 x 60	32	18	12	6.5	2.4	EPH109M040AT8A_
15 000	35 x 60	27	13	10	7.4	3.6	EPH159M040AT8A_
15 000	35 x 79	27	13	10	8.6	3.6	EPH159M040AT9A_
22 000	35 x 79	22	13	10	8.9	5.3	EPH229M040AT9A_
22 000	51 x 79	22	13	10	10.4	5.3	EPH229M040AW2X_
33 000	51 x 79	17	12	10	13.5	7.9	EPH339M040AW2X_
47 000	51 x 79	14	10	9	14.2	11	EPH479M040AW2X_
47 000	51 x 105	14	10	9	15.1	11	EPH479M040AW3X_
47 000	63 x 105	14	10	9	17.6	11	EPH479M040AX1X_
68 000	51 x 105	12	9	8	18.2	16	EPH689M040AW3X_
68 000	63 x 105	12	9	8	19.5	16	EPH689M040AX1X_
100 000	63 x 105	10	9	8	21.2	24	EPH10KM040AX1X_
150 000	76 x 105	10	9	8	25.7	36	EPH15KM040AY1X_
220 000	76 x 143	7	6	6	31.5	53	EPH22KM040AY3X_
330 000	76 x 222	6	6	5	38.5	79	EPH33KM040AY5X_

50 Vdc Rated voltage - 57.5 Vdc Surge voltage							Arcotronics P/N
Rated cap. 100 Hz 20°C (μF)	Case size DxL (mm)	E.S.R. max. 100 Hz 25°C (mΩ)	E.S.R. Typ. 100 Hz 25°C (mΩ)	Z max 10 kHz 25°C (mΩ)	R.C. 100 Hz 85°C (A _{rms})	L.C. 20°C 5 min. (mA)	
4 700	35 x 60	68	33	30	5.6	1.4	EPH478M050AT8A_
6 800	35 x 60	47	25	24	7.0	2.0	EPH688M050AT8A_
10 000	35 x 60	32	21	20	8.5	3.0	EPH109M050AT8A_
15 000	35 x 79	27	17	15	10.0	4.5	EPH159M050AT9A_
22 000	51 x 79	22	16	13	13.1	6.6	EPH229M050AW2X_
33 000	51 x 105	17	15	13	16.0	9.9	EPH339M050AW3X_
33 000	63 x 105	17	15	13	17.5	9.9	EPH339M050AX1X_
47 000	51 x 105	14	12	10	16.2	14	EPH479M050AW3X_
47 000	63 x 105	14	12	10	18.3	14	EPH479M050AX1X_
68 000	51 x 105	14	12	9	18.0	20	EPH689M050AW3X_
68 000	76 x 105	14	12	9	22.1	20	EPH689M050AY1X_
100 000	76 x 105	14	8	8	23.8	30	EPH10KM050AY1X_
100 000	76 x 143	14	8	8	25.8	30	EPH10KM050AY3X_
150 000	76 x 143	11	6	6	31.5	45	EPH15KM050AY3X_

SCREW TERMINALS - Long life 85°C / 10000 h

63 Vdc Rated voltage - 72 Vdc Surge voltage							
Rated cap. 100 Hz 20°C (µF)	Case size DxL (mm)	E.S.R. max. 100 Hz 25°C (mΩ)	E.S.R. Typ. 100 Hz 25°C (mΩ)	Z max 10 kHz 25°C (mΩ)	R.C. 100 Hz 85°C (A _{rms})	L.C. 20°C 5 min. (mA)	Arcotronics P/N
4 700	35 x 60	51	29	25	6.2	1.8	EPH478M063AT8A_
6 800	35 x 60	42	21	20	7.0	2.6	EPH688M063AT8A_
6 800	35 x 79	42	21	20	8.2	2.6	EPH688M063AT9A_
10 000	35 x 79	32	21	20	8.7	3.8	EPH109M063AT9A_
10 000	51 x 79	32	18	16	10.1	3.8	EPH109M063AW2X_
15 000	51 x 79	27	15	13	11.1	5.7	EPH159M063AW2X_
22 000	51 x 79	22	13	11	12.4	8.3	EPH229M063AW2X_
22 000	51 x 105	22	13	11	14.6	8.3	EPH229M063AW3X_
33 000	51 x 105	17	11	10	15.6	12	EPH339M063AW3X_
33 000	63 x 105	17	11	10	17.9	12	EPH339M063AX1X_
47 000	51 x 105	15	11	9	15.8	18	EPH479M063AW3X_
47 000	63 x 105	15	10	10	18.8	18	EPH479M063AX1X_
68 000	76 x 105	16	11	10	23.7	26	EPH689M063AY1X_
100 000	76 x 105	11	8	8	29.5	38	EPH10KM063AY1X_
100 000	76 x 143	11	8	8	34.5	38	EPH10KM063AY3X_
150 000	76 x 143	10	6	6	36.1	57	EPH15KM063AY3X_

75 Vdc Rated voltage - 86 Vdc Surge voltage							
Rated cap. 100 Hz 20°C (µF)	Case size DxL (mm)	E.S.R. max. 100 Hz 25°C (mΩ)	E.S.R. Typ. 100 Hz 25°C (mΩ)	Z max 10 kHz 25°C (mΩ)	R.C. 100 Hz 85°C (A _{rms})	L.C. 20°C 5 min. (mA)	Arcotronics P/N
4 700	35 x 60	51	29	25	5.4	2.1	EPH478M075AT8A_
6 800	35 x 79	42	20	20	8.5	3.1	EPH688M075AT9A_
10 000	51 x 79	32	18	16	11.0	4.5	EPH109M075AW2X_
15 000	51 x 105	27	15	13	12.7	6.7	EPH159M075AW3X_
22 000	51 x 105	22	12	11	15.2	9.9	EPH229M075AW3X_
22 000	63 x 105	22	12	11	15.2	9.9	EPH229M075AX1X_
33 000	63 x 105	17	11	10	18.5	15	EPH339M075AX1X_
33 000	76 x 105	17	11	10	18.5	15	EPH339M075AY1X_
47 000	76 x 105	15	10	10	22.1	21	EPH479M075AY1X_
47 000	76 x 143	15	10	10	22.1	21	EPH479M075AY3X_
68 000	76 x 143	15	10	10	26.0	31	EPH689M075AY3X_
100 000	76 x 143	13	8	8	32.9	45	EPH10KM075AY3X_

100 Vdc Rated voltage - 115 Vdc Surge voltage							
Rated cap. 100 Hz 20°C (µF)	Case size DxL (mm)	E.S.R. max. 100 Hz 25°C (mΩ)	E.S.R. Typ. 100 Hz 25°C (mΩ)	Z max 10 kHz 25°C (mΩ)	R.C. 100 Hz 85°C (A _{rms})	L.C. 20°C 5 min. (mA)	Arcotronics P/N
1 500	35 x 60	159	84	65	4.0	0.9	EPH158M100AT8A_
2 200	35 x 60	109	57	47	5.0	1.3	EPH228M100AT8A_
3 300	35 x 60	72	48	39	5.3	2.0	EPH338M100AT8A_
3 300	35 x 79	72	48	39	6.8	2.0	EPH338M100AT9A_
4 700	35 x 79	51	30	26	7.5	2.8	EPH478M100AT9A_
4 700	51 x 79	51	30	26	10.0	2.8	EPH478M100AW2X_
6 800	51 x 79	47	23	20	11.1	4.1	EPH688M100AW2X_
10 000	51 x 79	32	16	14	11.9	6.0	EPH109M100AW2X_
10 000	51 x 105	32	16	14	13.9	6.0	EPH109M100AW3X_
10 000	63 x 105	32	16	14	14.5	6.0	EPH109M100AX1X_
15 000	51 x 105	27	13	12	14.8	9.0	EPH159M100AW3X_
15 000	63 x 105	27	13	12	17.5	9.0	EPH159M100AX1X_
22 000	63 x 105	18	12	12	18.2	13	EPH229M100AX1X_
33 000	76 x 105	12	11	10	23.1	20	EPH339M100AY1X_
47 000	76 x 143	10	9	9	30.2	28	EPH479M100AY3X_
68 000	76 x 222	8	7	8	36.5	41	EPH689M100AY5X_

SCREW TERMINALS - Long life 85°C / 10000 h

160 Vdc Rated voltage - 184 Vdc Surge voltage							
Rated cap. 100 Hz 20°C (μF)	Case size DxL (mm)	E.S.R. max. 100 Hz 25°C (mΩ)	E.S.R. Typ. 100 Hz 25°C (mΩ)	Z max 10 kHz 25°C (mΩ)	R.C. 100 Hz 85°C (A _{rms})	L.C. 20°C 5 min. (mA)	Arcotronics P/N
1 000	35 x 79	159	98	90	4.0	1.0	EPH108M160AT9A_
1 500	51 x 79	106	62	71	5.3	1.4	EPH158M160AW2X_
2 200	51 x 79	72	50	43	7.0	2.1	EPH228M160AW2X_
3 300	51 x 105	58	35	30	8.6	3.2	EPH338M160AW3X_
4 700	51 x 105	41	25	25	10.9	4.5	EPH478M160AW3X_
4 700	63 x 105	41	25	25	10.9	4.5	EPH478M160AX1X_
6 800	63 x 105	28	20	22	13.0	6.5	EPH688M160AX1X_
10 000	76 x 105	24	13	12	17.4	9.6	EPH109M160AY1X_
10 000	76 x 143	24	13	12	17.4	9.6	EPH109M160AY3X_
15 000	76 x 143	16	12	12	20.9	14	EPH159M160AY3X_
22 000	76 x 143	14	10	10	26.4	21	EPH229M160AY3X_
33 000	76 x 222	10	8	8	34.1	32	EPH339M160AY5X_

200 Vdc Rated voltage - 230 Vdc Surge voltage							
Rated cap. 100 Hz 20°C (μF)	Case size DxL (mm)	E.S.R. max. 100 Hz 25°C (mΩ)	E.S.R. Typ. 100 Hz 25°C (mΩ)	Z max 10 kHz 25°C (mΩ)	R.C. 100 Hz 85°C (A _{rms})	L.C. 20°C 5 min. (mA)	Arcotronics P/N
680	35 x 60	234	124	119	3.4	0.8	EPH687M200AT8A_
1 000	51 x 79	159	86	88	4.2	1.2	EPH108M200AW2X_
1 500	51 x 79	106	60	63	5.8	1.8	EPH158M200AW2X_
2 200	51 x 105	72	47	44	7.2	2.6	EPH228M200AW3X_
3 300	51 x 105	58	35	33	9.0	4.0	EPH338M200AW3X_
3 300	63 x 105	58	35	33	9.0	4.0	EPH338M200AX1X_
4 700	51 x 105	41	30	28	11.1	5.6	EPH478M200AW3X_
4 700	63 x 105	41	30	28	11.1	5.6	EPH478M200AX1X_
6 800	63 x 105	28	25	20	13.9	8.2	EPH688M200AX1X_
6 800	76 x 105	28	25	20	13.9	8.2	EPH688M200AY1X_
10 000	76 x 105	24	13	12	15.8	12	EPH109M200AY1X_
10 000	76 x 143	24	13	12	18.6	12	EPH109M200AY3X_
15 000	76 x 143	19	12	12	21.4	18	EPH159M200AY3X_
22 000	76 x 143	14	10	10	28.9	26	EPH229M200AY3X_
33 000	76 x 222	11	8	8	36.1	40	EPH339M200AY5X_

250 Vdc Rated voltage - 287.5 Vdc Surge voltage							
Rated cap. 100 Hz 20°C (μF)	Case size DxL (mm)	E.S.R. max. 100 Hz 25°C (mΩ)	E.S.R. Typ. 100 Hz 25°C (mΩ)	Z max 10 kHz 25°C (mΩ)	R.C. 100 Hz 85°C (A _{rms})	L.C. 20°C 5 min. (mA)	Arcotronics P/N
470	35 x 60	339	211	200	2.8	0.7	EPH477M250AT8A_
680	35 x 79	234	157	150	3.5	1.0	EPH687M250AT9A_
1 000	51 x 79	159	110	95	4.6	1.5	EPH108M250AW2X_
1 500	51 x 105	106	74	65	6.1	2.2	EPH158M250AW3X_
2 200	51 x 105	72	40	36	7.5	3.3	EPH228M250AW3X_
3 300	51 x 105	58	35	29	9.8	4.9	EPH338M250AW3X_
3 300	63 x 105	58	35	29	9.8	4.9	EPH338M250AX1X_
4 700	63 x 105	41	28	25	11.8	7.0	EPH478M250AX1X_
4 700	76 x 105	41	28	25	13.2	7.0	EPH478M250AY1X_
6 800	76 x 105	28	25	21	14.1	10	EPH688M250AY1X_
10 000	76 x 143	24	20	19	19.7	15	EPH109M250AY3X_
15 000	76 x 143	16	14	18	21.9	22	EPH159M250AY3X_
22 000	76 x 222	14	12	11	34.2	33	EPH229M250AY5X_

SCREW TERMINALS - Long life 85°C / 10000 h

350 Vdc Rated voltage - 385 Vdc Surge voltage							Arcotronics P/N
Rated cap. 100 Hz 20°C (μF)	Case size DxL (mm)	E.S.R. max. 100 Hz 25°C (mΩ)	E.S.R. Typ. 100 Hz 25°C (mΩ)	Z max 10 kHz 25°C (mΩ)	R.C. 100 Hz 85°C (A _{rms})	L.C. 20°C 5 min. (mA)	
470	35 x 60	339	170	136	3.3	1.0	EPH477M350AT8A_
680	35 x 79	234	108	95	4.0	1.4	EPH687M350AT9A_
1 000	51 x 79	159	79	62	5.0	2.1	EPH108M350AW2X_
1 000	51 x 105	159	79	62	5.5	2.1	EPH108M350AW3X_
1 500	51 x 105	106	60	52	7.4	3.1	EPH158M350AW3X_
2 200	51 x 105	72	44	40	9.0	4.6	EPH228M350AW3X_
2 200	63 x 105	72	44	40	9.5	4.6	EPH228M350AX1X_
3 300	63 x 105	58	35	30	10.1	6.9	EPH338M350AX1X_
3 300	76 x 105	58	35	30	12.8	6.9	EPH338M350AY1X_
4 700	76 x 105	41	32	25	14.5	9.9	EPH478M350AY1X_
4 700	76 x 143	41	32	25	17.5	9.9	EPH478M350AY3X_
5 600	76 x 143	43	25	23	18.5	12	EPH568M350AY3X_
6 800	76 x 143	35	23	21	19.2	14	EPH688M350AY3X_
10 000	76 x 143	24	18	18	23.0	21	EPH109M350AY3X_
10 000	76 x 222	24	16	15	26.6	21	EPH109M350AY5X_
15 000	76 x 222	21	12	12	31.7	31	EPH159M350AY5X_
22 000	90 x 222	18	8	8	35.4	46	EPH229M350AZ6X_

400 Vdc Rated voltage - 440 Vdc Surge voltage							Arcotronics P/N
Rated cap. 100 Hz 20°C (μF)	Case size DxL (mm)	E.S.R. max. 100 Hz 25°C (mΩ)	E.S.R. Typ. 100 Hz 25°C (mΩ)	Z max 10 kHz 25°C (mΩ)	R.C. 100 Hz 85°C (A _{rms})	L.C. 20°C 5 min. (mA)	
220	35 x 60	724	455	375	2.1	0.5	EPH227M400AT8A_
330	35 x 60	483	290	273	2.8	0.8	EPH337M400AT8A_
470	35 x 60	339	165	149	3.0	1.1	EPH477M400AT8A_
470	35 x 79	339	160	155	3.5	1.1	EPH477M400AT9A_
680	51 x 79	234	124	115	4.7	1.6	EPH687M400AW2X_
680	51 x 105	234	120	120	5.1	1.6	EPH687M400AW3X_
1 000	51 x 79	159	110	95	5.8	2.4	EPH108M400AW2X_
1 000	51 x 105	159	105	85	6.3	2.4	EPH108M400AW3X_
1 500	51 x 105	106	65	55	7.0	3.6	EPH158M400AW3X_
1 500	63 x 105	106	65	55	7.9	3.6	EPH158M400AX1X_
2 200	51 x 105	72	50	47	8.3	5.3	EPH228M400AW3X_
2 200	63 x 105	72	50	47	9.0	5.3	EPH228M400AX1X_
2 200	76 x 105	72	50	47	10.7	5.3	EPH228M400AY1X_
3 300	63 x 105	58	35	30	11.0	7.9	EPH338M400AX1X_
3 300	76 x 105	58	35	30	13.1	7.9	EPH338M400AY1X_
3 300	76 x 143	58	35	30	14.2	7.9	EPH338M400AY3X_
4 700	76 x 105	51	30	29	14.9	11	EPH478M400AY1X_
4 700	76 x 143	51	30	29	18.8	11	EPH478M400AY3X_
6 800	76 x 143	35	23	22	19.5	16	EPH688M400AY3X_
10 000	76 x 222	24	20	19	26.0	24	EPH109M400AY5X_
15 000	90 x 222	21	15	12	33.5	36	EPH159M400AZ6X_

SCREW TERMINALS - Long life 85°C / 10000 h

Rated cap. 100 Hz 20°C (μF)	Case size DxL (mm)	450 Vdc Rated voltage - 495 Vdc Surge voltage					Arcotronics P/N
		E.S.R. max. 100 Hz 25°C (m Ω)	E.S.R. Typ. 100 Hz 25°C (m Ω)	Z max 10 kHz 25°C (m Ω)	R.C. 100 Hz 85°C (A _{rms})	L.C. 20°C 5 min. (mA)	
220	35 x 60	724	360	300	2.0	0.6	EPH227M450AT8A_
330	35 x 60	483	240	210	2.8	0.9	EPH337M450AT8A_
470	51 x 79	390	200	179	4.0	1.3	EPH477M450AW2X_
680	51 x 79	234	140	128	4.4	1.8	EPH687M450AW2X_
680	51 x 105	234	140	128	5.0	1.8	EPH687M450AW3X_
1 000	51 x 79	159	100	88	4.8	2.7	EPH108M450AW2X_
1 000	51 x 105	159	100	88	6.4	2.7	EPH108M450AW3X_
1 500	51 x 105	106	67	55	7.1	4.0	EPH158M450AW3X_
1 500	63 x 105	106	67	55	8.0	4.0	EPH158M450AX1X_
2 200	63 x 105	72	60	55	9.0	5.9	EPH228M450AX1X_
2 200	76 x 105	72	60	47	11.2	5.9	EPH228M450AY1X_
2 200	76 x 143	72	60	47	12.5	5.9	EPH228M450AY3X_
3 300	76 x 105	58	35	30	11.2	8.9	EPH338M450AY1X_
3 300	76 x 143	58	35	30	12.9	8.9	EPH338M450AY3X_
4 700	76 x 143	51	32	30	15.0	13	EPH478M450AY3X_
6 800	76 x 143	35	25	22	19.2	18	EPH688M450AY3X_
10 000	76 x 222	32	20	19	23.1	27	EPH109M450AY5X_
12 000	76 x 222	33	18	12	28.0	32	EPH129M450AY5X_
15 000	90 x 230	25	14	11	35.0	40	EPH159M450AZ7B_

