

Axial Electrolytic Caps



- axial terminals
- low profile
- compact
- long life 125 °C

Features

- polarized aluminium electrolytic capacitors, non-solid electrolyte
- all internal contacts welded

Applications

- standard and switched mode power supplies
- telecommunications
- general industrial
- railway applications

General specifications

Items		Characteristics
Rated capacitance range C_R		150 ... 8.200 μF
Capacitance tolerance		$\pm 20\%$
Rated voltage range U_R		16 ... 63 V
Surge voltage U_S		$U_S = 1,5 \cdot U_R$
Max. reverse voltage		- 2 V
Category temperature range		- 55°C ... + 125°C
Leakage current I_L after 5 min @ U_R		$\leq 0,004 \cdot C_R [\mu\text{F}] \cdot U_R [\text{V}] + 6 \mu\text{A} [\mu\text{A}]$
Useful life	2.000 h@ 125 °C ; U_R ; I_{R-}	Requirements $\Delta C/C \leq 30\%$ of initial value $\text{ESR} \leq 300\%$ of specified limit $I_L \leq$ specified limit
Endurance test	1.000 h@ 125 °C , U_R	Requirements $\Delta C/C \leq 20\%$ of initial value $\text{ESR} \leq 130\%$ of specified limit $I_L \leq$ specified limit
Climatic category IEC 60068		55/125/56
Voltage proof of the external insulation		≥ 1000 V AC
Sectional specification		IEC 60384-4

Leclanché Capacitors for Critical Applications and Extreme Environments.

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dimensions (mm)	rated voltage (V)			
	16	25	40	63
10 x 30	1.000	470	270	150
12 x 30	1.200	680	470	220
14 x 30	1.500	1.200	560	330
14 x 37	2.200	1.500	680	470
16 x 30	2.200	1.500	680	470
16 x 39	3.300	1.800	1.000	560
18 x 30	3.300	1.800	1.000	560
18 x 39	3.900	2.200	1.200	820
21 x 36	4.700	3.300	1.500	1.000
25 x 38	8.200	4.700	2.200	1.500

How to order

	Prod. Family	voltage	capacitance	diameter	length
		25VDC	2200 μ F	18mm	39mm
Order-code	AXELH	25	222	18	039

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