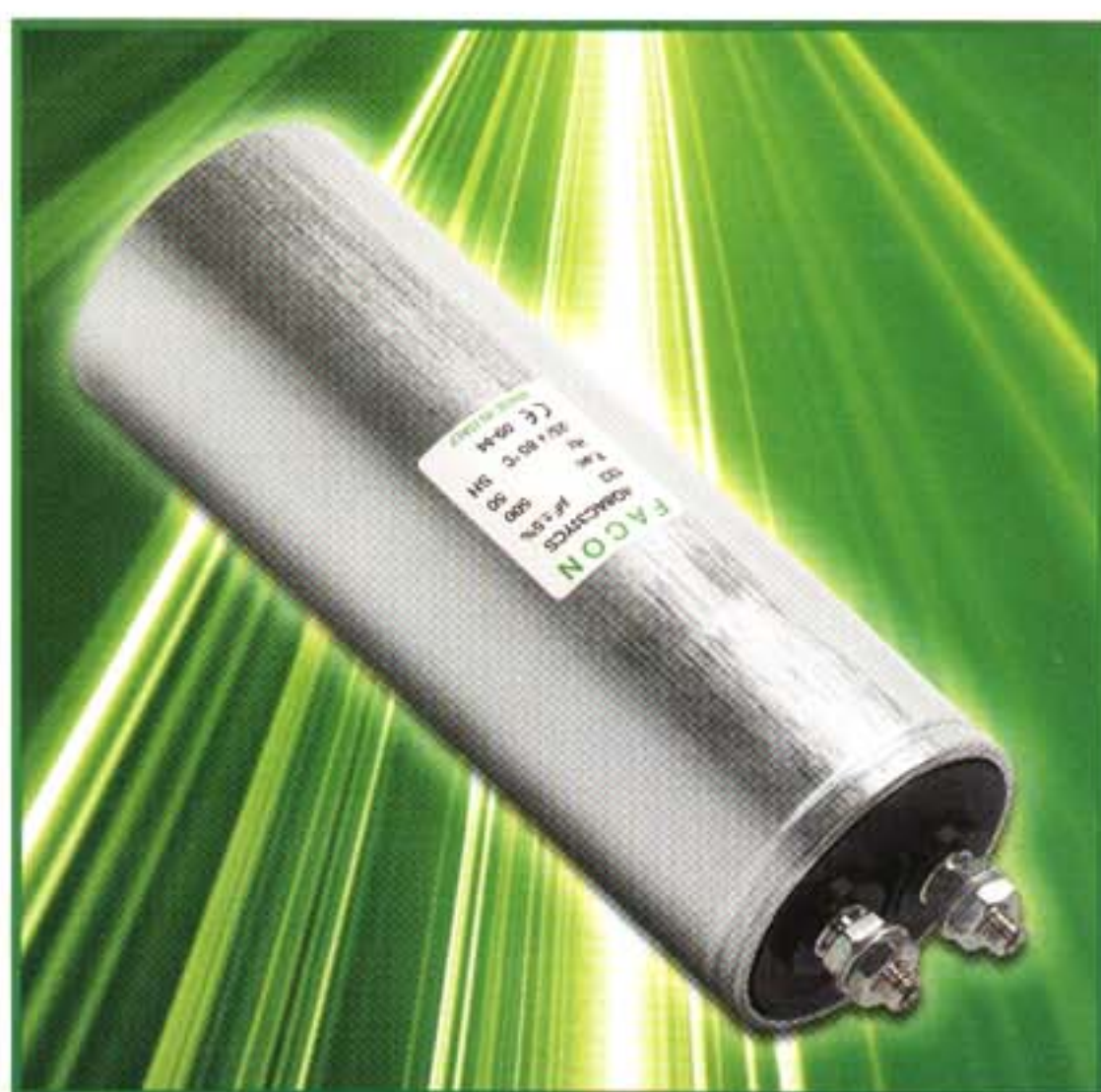


Type
4..A

Facon capacitors in power electronic equipments



ITALY
FACON S.p.A.
Since 1946

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4..A



Applications

In a.c. and d.c. applications, filtering, commutation and a very large range of different application where high capacitance and/or high voltage are requested; special terminals with high section guarantee high current, high frequency applications.

Manufacturing

Cylindrical aluminium case, sealing cover in self-extinguishing resin UL94V0, screw terminals M10, distance between terminals 34 mm, fixing stud M12 x 12 mm.

Technical characteristics

Climatic category	: -25/+70°C
Rated frequency	: 50 Hz
Capacitance category	: ±10%
Dissipation factor	: <0,002 at 50 Hz and 20°C
Peak Voltage	: 2 x Vr.dc
Test Voltage between terminals	: 1,5 x V.dc 10"
Test V between term. and case	: 2,5 KV _{ac} 60"
Max torque on terminal M10	: 10 Nm
Max torque on the fixing stud	: 12 Nm
Reference Standard	: EN61071-1; CEI EN 61373 Paragr. 8,9,10

Service life

Expected life at 40°C	: 150.000 hours
" " at 70°C	: 100.000 hours
" " at 85°C	: 40.000 hours
Failure rate	: ≤200 FIT (≤200.10E-9/h)

Table A

FACON TYPE	µF	D x L	Vr.dc	Vr.ac	dv/dt max. (V/µsec)	Irms Max (A)
4.8A300X85	30	75x105	1800	500	30	90
4.8A500X95	50	75x130	1800	500	30	90
4.8A660X05	66	75x137	1800	500	30	90
4.8AC00XC5	100	75x235	1800	500	30	90
4.8AC33YC5	133	85x235	1800	500	30	90
4.7A330X95	33	75x130	1450	450	30	90
4.7A500X95	50	75x130	1450	450	30	90
4.7A660Y95	66	85x130	1450	450	30	90
4.7AC00Y05	100	85x137	1450	450	30	90
4.7AC33Y05	133	85x137	1450	450	30	90
4.6A500X95	50	75x130	1250	400	25	90
4.6AC00X95	100	75x130	1250	400	25	90
4.6AC50Y95	150	85x130	1250	400	25	90
4.6AD00XC5	200	75x235	1250	400	25	90
4.3AC50X05	150	75x137	1000	300	20	90
4.3AD00Y05	200	85x137	1000	300	20	90
4.3AE00XC5	300	75x235	1000	300	20	90
4.1AD00X05	200	75x137	700	200	20	90
4.1AE00X05	300	75x137	700	200	20	90
4.1AF00XC5	400	75x235	700	200	20	90