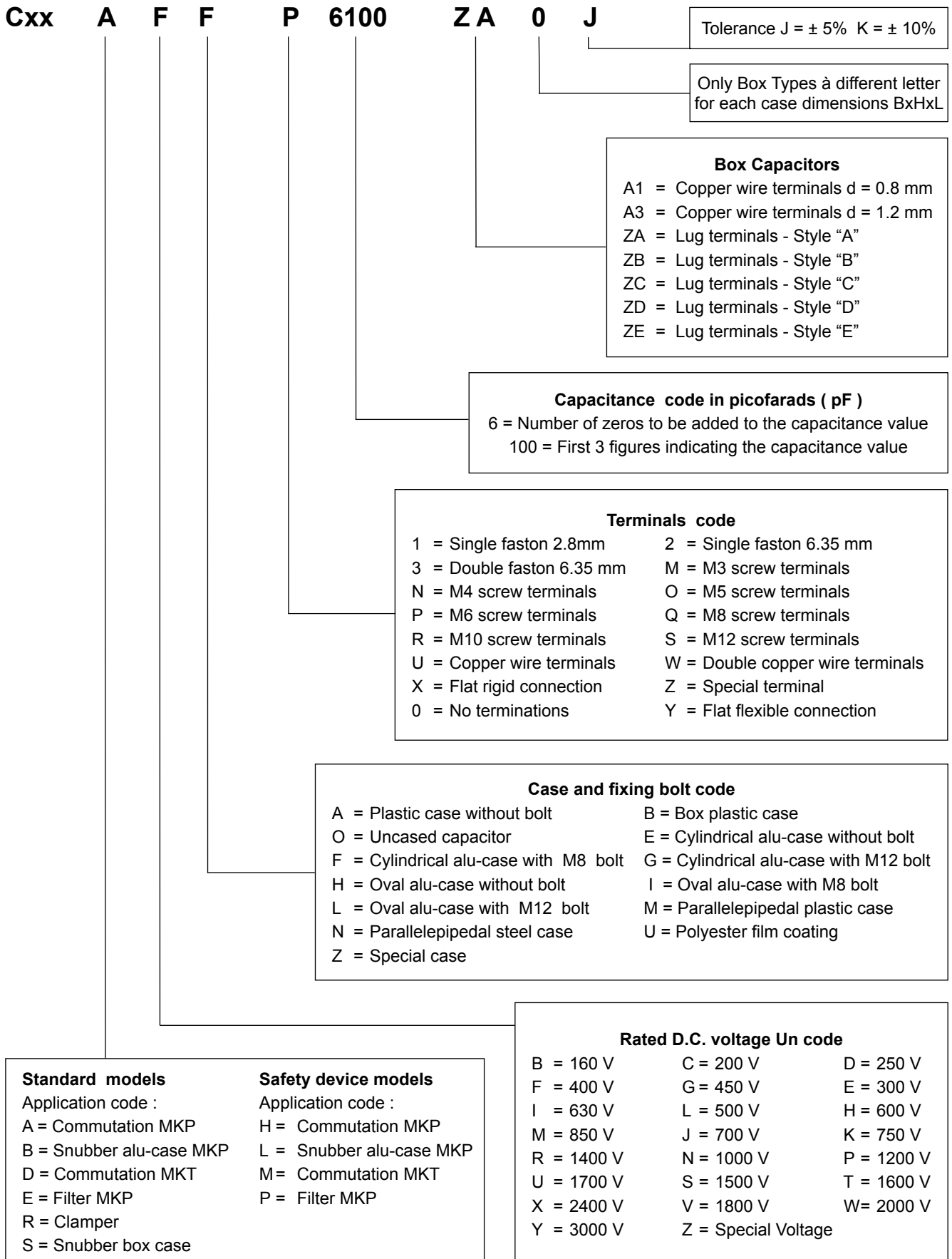


ORDERING CODES - Series C4A , C4B , C4D , C44, C20





WARNING

DO NOT MISAPPLY CAPACITORS FOR POWER ELECTRONICS

KEMET is not responsible for any extent of possible damages to persons or things, of any kind, caused by the improper installation and application of capacitors for power electronics .

1.0 MISAPPLICATION FORMS

Common misapplications which may cause failures :

1.1 Ripple current or peak current or voltage above specification.

1.2 Application voltages beyond surge voltage specified.

1.3 Temperature exposures beyond specified limits.

1.4 Unusual service conditions:

- unusual mechanical shocks and vibrations,
- corrosive and abrasive particles in cooling air,
- conducting dust in the cooling air,
- oil or water vapour or corrosive substances,
- explosive gas or dust,
- radioactivity,
- unusual storage or transport temperature
- excessive and rapid changes of ambient temperature or humidity,
- service areas higher than 2000 m above sea level,
- superimposed radiofrequency voltages.

In case of doubt between service conditions and correspondent capacitor performances, the Arcotronics Technical Service MUST be consulted by customer for approval.

1.5 APPLICATIONS ACROSS THE MAINS

The products of this catalogue fully comply with ECC Standard 89/366 but are not suitable for applications "Across the Line" except the series C93 specifically designed for this purpose .

2.0 PERSONAL SAFETY

2.1 Electrical or mechanical misapplication of capacitor for power electronics may be hazardous. Personal injury or property damage may result from explosion of a capacitor or from the expulsion of oil due to mechanical disruption of a capacitor.

In case of injury or skin or eye exposure to oil, contact a physician immediately .

2.2 Don' t dispose of capacitors in fire, explosion may result .

Before using capacitors in any application, please read this Technical Information Bulletin carefully familiarizing yourself thoroughly with the information contained herein. Special care should be taken to assure that the capacitors are proper for your application and that warnings and instructions for use are followed.

CHECK in the intended application and operating conditions of the capacitor before using in any product to be sure that the capacitor is proper for your application.