

Product features

PK181-80-AL-24V

Width [mm]:	80.0
Height [mm]:	77.0
Length [mm]:	80.0
Fan Voltage [V]	24.0
Min. thermal resistance [K/W]:	1.1
Unit Weight [g]:	225.0
Max. power loss [W]:	100.0



Further information

The cooling units in the PK series are characterised by high heat dissipation. The pre-milled surface (RZ max. 10 µm) is ready for installation and customised lengths and machining are available on request. If natural convection is no longer sufficient for cooling temperature-sensitive electronic components, assemblies consisting of a conventional heat sink and a perfectly adapted fan are generally used. This cooling system, based on the PR181 cooling profile, differs significantly from all other cooling systems from ALUTRONIC: the surface for mounting the electronics to be cooled is not tangential to the direction of flow as in conventional cooling systems, but perpendicular to it. In order to bring the air into contact with the heat sink as efficiently as possible, the fins are perforated in a transverse direction. This forces the air into a turbulent flow which, in combination with the powerful axial fan from SEPA, guarantees excellent heat exchange. The mounting surface is milled flat to ensure optimum heat transfer between the electronic component and the heat sink.

*** Translated with www.DeepL.com/Translator (free version)

*** Also available as standard profile PR181

