

Data sheet Product FLKI 295

Profile heatsinks and fluid coolers>Fluid coolers

- water glycol mixture (60/40); inlet temperature approx. 26°C

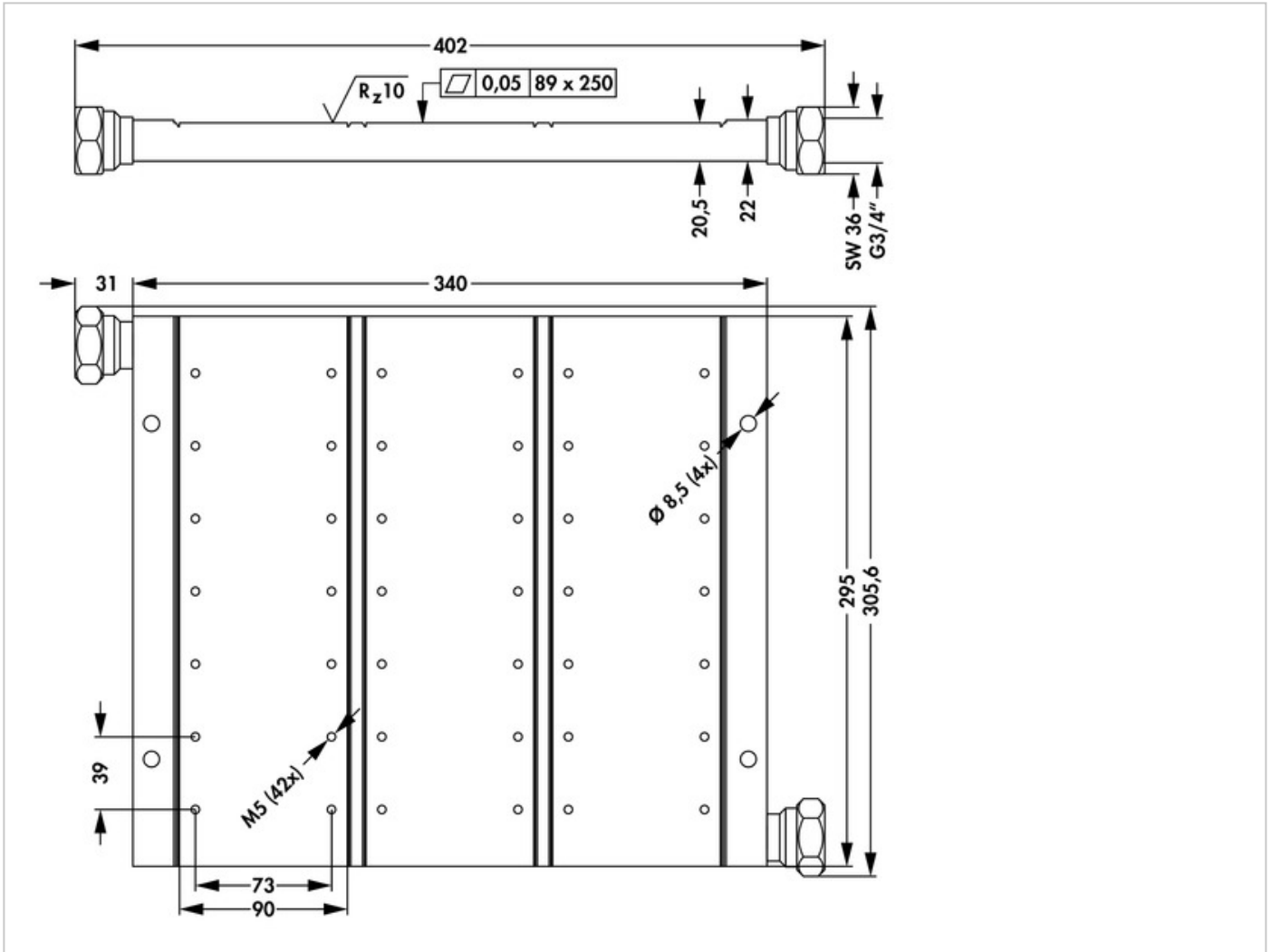
Fluid coolers of special design for high-power converters PrimePackTM3+ module (IGBT 5); **for heat dissipation of maximum 3 modules on one liquid cooler**; suitable for water pH 6,5-8,5 with corrosion protection as well as other fluids (i.e. oils, alcohols, etc.); **particularly good heat transfer to the fluid by means of inner lamellae structure**; operating excess pressure up to 2 bars possible; **thick mounting plate for optimal heat distribution**; mounting of the modules will be done by already installed M5 threads; **threw holes for mounting of the fluid coolers**; precisely milled flat semiconductor mounting surface with very good flatness and low roughness depth; **line connection for water inlet and outlet by means of a G 3/4" thread**; special designs and modifications for a specific assembly situation according to customerspecific specifications.

To avoid corrosion in the water cooler the cooling fluid has to flow in a closed circuit and it has to contain 40-60 % (preferred is 50 %) anti-corrosive fluids for aluminium, if necessary with anti-freeze. For the choice and approval of the cooling fluid as well as for the possible consequences in the cooling circuit the user is the only liable person. Therefore we exclude any liability for damages caused by the choice or approval of the cooling fluids.

Features

width:	340 mm
height:	22 mm
plate thickness:	20.5 mm
length:	295 mm
material:	EN AW 6060 (AlMgSi 0.5)

Technical Drawing



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