

## ACR350 – NEW POWERFUL DC/DC CONVERTERS FOR INDUSTRY, TRANSPORTATION AND RAILWAY

Autronic present their brand new series ACR350 with an output power of 350 watts. This DC/DC converter for chassis mounting is shock and vibration resistant (EN61373) and has an extended temperature range between  $-40$  and  $+85^{\circ}\text{C}$ . This makes it suitable for rough and powerful application in industry, railway and transportation systems.

Both versions of the ACR350 are available with a very wide input from 14,4 to 67,2 and 43 to 154 VDC according EN50155 (nom. 24 to 48 and 72 to 110V) and have an output voltage of 24 V. In spite of the very wide input range with booster technology, the ACR350 have a high efficiency of up to 94%.

Other input or output voltages are possible on request.

The active clamping topology helps to meet the EMC requirements: The converter reach conducted emission Class B and radiated emission according to EN 55011 Class A and complies with the railway specific criteria of surge, burst and ESD without additional components. Standard feature are protection against over current, over temperature and reverse polarity as well as inrush current limiting, enable, thermal warning and power good. Easy installation because of the compact design (182 x 105 x 50 mm) and new cage clamp connectors.

The ACR350 is available now.

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