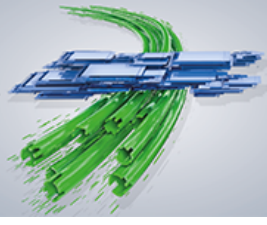




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**INNOVATIONS
AND TRENDS**

Blower for inverter cooling in railway technology



The compact, dual-flow centrifugal blower for railway applications is now available for 110 VDC

ebm-papst has developed a new blower for cooling variable frequency drives. The compact, dual-flow centrifugal blower is now also available for 110 VDC and so it can be directly connected to existing 110 VDC on-board electrical systems without the need for a voltage converter. Requirements of the highest possible protection class IP69K (dust-proof) are satisfied and the motor is protected against water ingress during high-pressure cleaning. The DC motor used in the blower is highly versatile and completely wear-free. The control, motor characteristics and connection remain identical, regardless of the impeller it is combined with. Once validated, a motor can be quickly and economically put to use in a wide range of applications. ebm-papst fans for railway use satisfy the requirements for Hazard Level (HL) 3 of the EN 45545-2:2013 standard for fire protection in rail vehicles.

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Subject to further change