

ON-BOARD DC/DC CONVERTERS

RAILWAY EQUIPMENT
CCC - MD AND SD RANGE



The converters series CCC, MD and SD were developed for on-board railway applications.

The typical uses are for the supply of indication and braking systems, radio, control screens and battery load equipment.

These various converters are intended to be connected to the on-board networks with some models having a broad input voltage range.

All our models are in conformity with railway standards EN50155, EN50124. Some models are approved by the French railway SNCF.

The temperature range is from -40°C to + 85°C (depending on model).

We can manufacture equipment according to your specifications.

ENAG proposes also DC/AC converters for on-board applications



CCC – MD – SD –TECHNICAL SPECIFICATIONS

POWER	MODEL	INPUT VOLTAGE (VDC)	OUPUT VOLTAGE AND CURRENTS					INSUL- ATION I/O	DIMENSION (mm)
			5V	12/15V	12/15V	15V	+24V		
3W	SD03-I	11 - 40		0,2A				Yes	32 x 20 x 12,5
15W	MD31-I2	14,4 - 50,4		0,5A	0,5A			Yes	160 x 100 x 30
30/40W	SD36-IRX	14,4 - 50,4					1,25A	Yes	160 x 100 x 30
	SD43-IRX	14,4 - 50,4		2,5A				Yes	160 x 100 x 30
	SD47-IRX	50,4 - 94					1,3A (32Vcc)	Yes	160 x 100 x 30
50W	MD54-IRX	14,4 - 50,4	5A	0,5A	0,5A			Yes	160 x 100 x 30
	MD55-IRX	14,4 - 50,4		2A	1A			Yes	160 x 100 x 30
	MD55-IRX4	14,4 - 50,4	5A	0,6A	0,6A	0,1A		Yes	160 x 100 x 30
	MD56-IRX	14,4 - 143	5A				0,6A	Yes	160 x 100 x 40
80W	SD86-IRX	43 - 154					3,5A	Yes	160 x 100 x 40
100 / 130W	MD106-IRX	14,4 - 50,4	2 x 24V - 2,5A					Yes	220 x 100 x 20
	MD143-IRX	14,4 - 50,4	12A	2,7A	2,7A			Yes	220 x 100 x 20
150W	MD156-IRX	14,4 - 50,4	24V-5A et 24V-1,5A					Yes	220 x 100 x 35
	SD2524-CX4	43 - 154		Yes			6A	Yes	168 x 111 x 40
200W	SDX2512-CX	16 - 60		16A				No	168 x 111 x 47
240W	SDX2524-CX	70 - 165					10A	No	168 x 111 x 47
	SD206-IX	66 - 154					10A	Yes	168 x 108 x 58
	SD208-I2X	14,4 - 50,4	72V - 2,7A					Yes	168 x 108 x 58
	SD209-IX	66 - 154	72V - 2,5A					Yes	168 x 108 x 58
400W	CCC24/72	18 - 36	72V - 5A					Yes	350 x 200 x 112
560W	CCC110/72-24	77 - 137	72V - 5A et 24V - 8A					Yes	270 x 260 x 112

The information contained in this leaflet is not of a contractual nature. ENAG reserves the right to amend the technical details of its products without advance notice.
Please consult us before installing the units.

FC-CCC-MD-SD-FERRO-EN-D