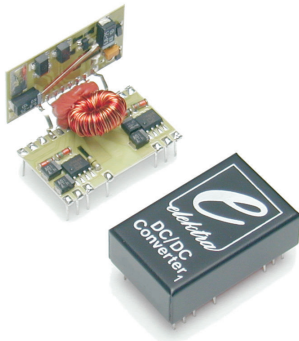


# DC/DC Converter

# Dual output

# Serie CMR

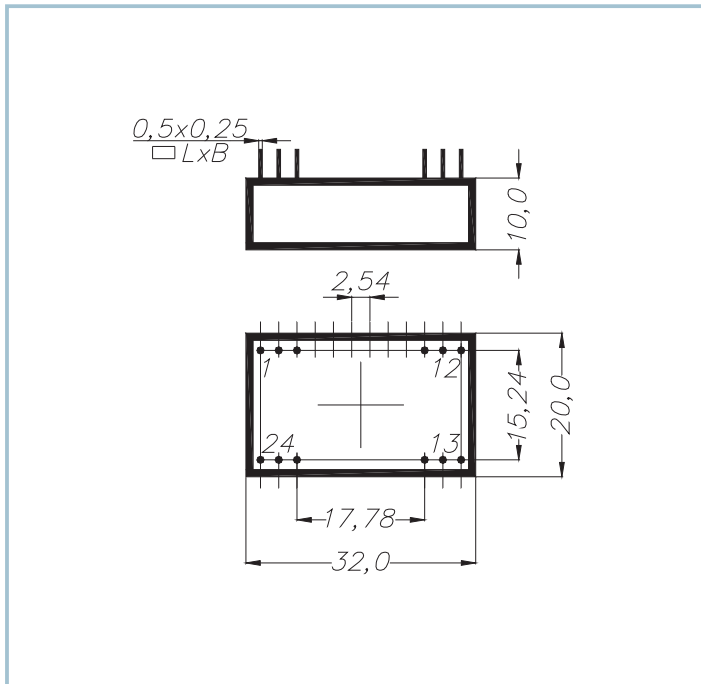
# 3 W



Input [V]	Output [V]	Output [mA]	Model
5 ± 10%	±5	±250	CM 520 RA
5 ± 10%	±12	±125	CM 522 RA
5 ± 10%	±15	±80	CM 525 RA
12 ± 10%	±5	±250	CM 620 RA
12 ± 10%	±12	±125	CM 622 RA
12 ± 10%	±15	±100	CM 625 RA
15 ± 10%	±5	±250	CM 720 RA
15 ± 10%	±12	±125	CM 722 RA
15 ± 10%	±15	±100	CM 725 RA
24 ± 10%	±5	±250	CM 820 RA
24 ± 10%	±12	±125	CM 822 RA
24 ± 10%	±15	±100	CM 825 RA

SMT - on ceramic technology  
 Metal case: DIL24  
 Standard pin-out  
 Operating temperature range: -25 ÷ +85°C  
 Storage temperature range: -40 ÷ +125°C  
 Efficiency: >70%  
 Radiated EMI/RFI: EN55022-B  
 Isolation I/O: 500VDC  
 Output voltage accuracy: ±1%  
 Output ripple (20MHz): <100mVpp  
 Regulation line: ±0,3%  
 Regulation load: ±0,6%  
 Short circuit proof  
 Temperature coefficient: 0,02%/°

Note: Typical specifications at T<sub>a</sub>=+25°C under nominal line voltage and full-load conditions, unless otherwise noted.



### Connections

Pin 1/24	.....	+Input
Pin 12/13	.....	-Input
Pin 11/14	.....	+Output 1
Pin 10/15	.....	-Output 1
Pin 3/22	.....	+Output 2
Pin 2/23	.....	-Output 2

Production and sales office  
**ELEKTRA srl**  
 Zona Industriale, 3 - 39052 Caldaro (BZ) Italy  
 Tel.: +39 0471 962255 - Fax: +39 0471 965668  
<http://www.elektra.it> - e-mail: [info@elektra.it](mailto:info@elektra.it)



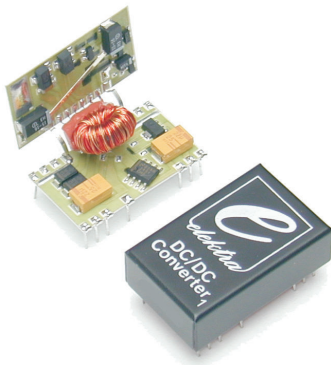
Sales office for Germany  
**ELEKTRAREINSTADLER GmbH**  
 Arnbacherstr. 32 - 85247 Schwabhausen Germany  
 Tel.: +49 08138 9161 - Fax: +49 08138 8484  
 e-mail: [elektra.reinstadler@t-online.de](mailto:elektra.reinstadler@t-online.de)

# DC/DC Converter

# Single output

## Serie CMR

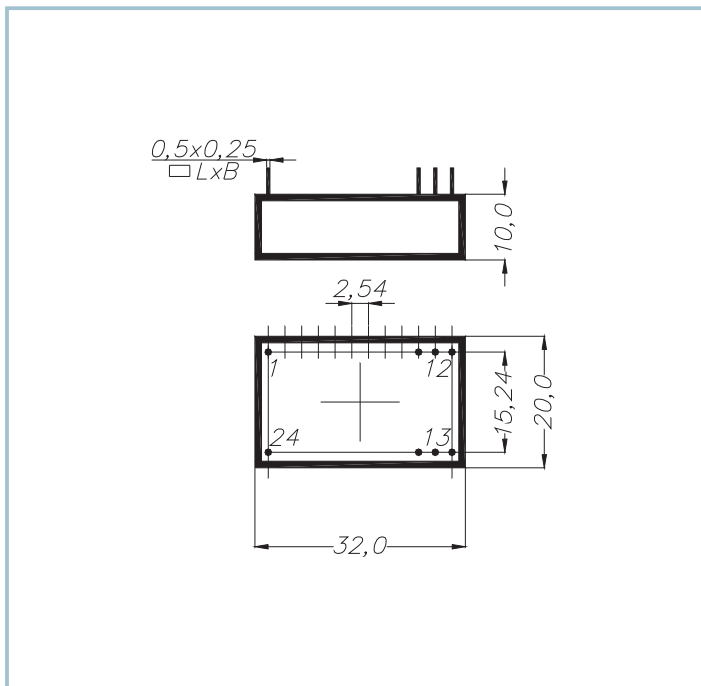
### 3 W



Input [V]	Output [V]	Output [mA]	Model
5 ± 10%	5	500	CM 505 RA
5 ± 10%	12	250	CM 512 RA
5 ± 10%	15	200	CM 515 RA
12 ± 10%	5	600	CM 605 RA
12 ± 10%	12	300	CM 612 RA
12 ± 10%	15	250	CM 615 RA
15 ± 10%	5	600	CM 705 RA
15 ± 10%	12	300	CM 712 RA
15 ± 10%	15	250	CM 715 RA
24 ± 10%	5	600	CM 805 RA
24 ± 10%	12	300	CM 812 RA
24 ± 10%	15	250	CM 815 RA

SMT - on ceramic technology  
Metal case: DIL24  
Standard pin-out  
Operating temperature range: -25 ÷ +85°C  
Storage temperature range: -40 ÷ +125°C  
Efficiency: >70%  
Radiated EMI/RFI: EN55022-B  
Isolation I/O: 500VDC  
Output voltage accuracy: ±1%  
Output ripple (20MHz): <100mVpp  
Regulation line: ±0,2%  
Regulation load: ±0,5%  
Short circuit proof  
Temperature coefficient: 0,02%/°C

Note: Typical specifications at T<sub>a</sub>=+25°C under nominal line voltage and full-load conditions, unless otherwise noted.



### Connections

Pin 1/24 ..... +Input  
Pin 12/13 ..... -Input  
Pin 11/14 ..... +Output  
Pin 10/15 ..... -Output

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Arnbacherstr., 32 - 85247 Schwabhausen Germany  
Tel.: +49 08138 9161 - Fax: +49 08138 8484  
e-mail: [elektra.reinstadler@t-online.de](mailto:elektra.reinstadler@t-online.de)