



Call Toll free (888) 438-3232 (outside N.H.) 888-GET-DCDC  
(603) 893-2330 (in N.H.) or email [sales@dcdc.com](mailto:sales@dcdc.com) with your requirements

**TRA "Transportation Industry" DC/ DC Converter Series**

Semiconductor Circuits, Inc. "TRA Series" is our rugged commercial line of DC/DC converters for the transportation industry. This series was developed to accommodate the unique input and isolation requirements needed in the transportation field. Single output and dual output models are available for a wide range of applications.

Applications for the TRA include: Transit buses, fork lifts, on-board and wayside systems, locomotives...to mention a few.

Contact [sales@dcdc.com](mailto:sales@dcdc.com) for further information.

Model numbers	Wattage	Input Range	Output	I/O Isolation	Dimensions
TRA17-240-50	10Watts	40-100Vdc	3.3Vdc	1500Vdc	1.0 x 2.0 x .4"
TRA12-083-25	10Watts	15-50Vdc	12.0Vdc	1500Vdc	1.0 x 2.0 x .4"
TRA12-083-50	10Watts	40-100Vdc	12.0Vdc	1500Vdc	1.0 x 2.0 x .4"
TRA22-625-25	10Watts	15-50Vdc	± 12.0Vdc	1500Vdc	1.0 x 2.0 x .4"
TRA22-625-50	10Watts	40-100Vdc	± 12.0Vdc	1500Vdc	1.0 x 2.0 x .4"
TRA11-300-25	15Watts	15-50Vdc	5.1Vdc	1500Vdc	1.0 x 2.0 x .4"
TRA11-300-50	15Watts	40-100Vdc	5.1Vdc	1500Vdc	1.0 x 2.0 x .4"
TRA17-600-25	20Watts	15-50Vdc	3.3Vdc	1500Vdc	1.6 x 2.0 x .4"
TRA17-600-50	20Watts	40-100Vdc	3.3Vdc	1500Vdc	1.6 x 2.0 x .4"
TRA11-400-18	20Watts	9-36Vdc	5.0Vdc	2800Vdc	1.6 x 2.0 x .4"
TRA11-400-25	20Watts	15-50Vdc	5.0Vdc	1500Vdc	1.6 x 2.0 x .4"
TRA11-400-48	20Watts	18-75Vdc	5.0Vdc	2800Vdc	1.6 x 2.0 x .4"
TRA19-200-18	20Watts	9-36Vdc	9.0Vdc	2800Vdc	1.6 x 2.0 x .4"
TRA19-200-50	20Watts	36-75Vdc	9.0Vdc	2800Vdc	1.6 x 2.0 x .4"
TRA12-167-18	20Watts	9-36Vdc	12.0Vdc	2800Vdc	1.6 x 2.0 x .4"
TRA22-165-48	20Watts	18-75Vdc	± 12.0Vdc	2800Vdc	1.6 x 2.0 x .4"
TRA23-125-18	20Watts	9-36Vdc	± 15.0Vdc	1500Vdc	1.6 x 2.0 x .4"
TRA11-400-50	25Watts	40-100Vdc	5.1Vdc	1500Vdc	2.0 x 2.0 x .4"
TRA22-165-50	25Watts	40-100Vdc	± 12.0Vdc	1500Vdc	2.0 x 2.0 x .4"
TRA17-1500-25	75Watts	15-50Vdc	3.3Vdc	1500Vdc	2.28 x 2.40 x .5"
TRA17-1500-50	75Watts	40-100Vdc	3.3Vdc	1500Vdc	2.28 x 2.40 x .5"

**RoHS versions available.**

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