



**Tesar** s.r.l.

## **MAIN REFERENCE LIST**

### ***CONVERTER APPLICATION FOR TRACTION***



Via Libbia, 61 - 52100 Chiassa Superiore (AR)  
Tel 0575-3171 Fax 0575-317201  
E-mail: [info@tesar.eu](mailto:info@tesar.eu) Internet: <http://www.tesar.eu>

## Converter application for Traction

<b>RATED POWER ( kVA )</b>	<b>RATIO</b>	<b>CLIENT</b>	<b>PROJECT</b>
2000	20 / 0,585-0,585 kV	TRAFOMECC	CEGELEC ORLY-VAL FRANCE
1800	20 / 0,49 kV	TRAFOMECC	CEGELEC ORLY-VAL FRANCE
1800	11 / 0.63 - 0.63 kV	AEG	KUALA LUMPUR METRO
1800	33 / 0.63 - 0.63 kV	AEG	KUALA LUMPUR METRO
4000	11 / 0.69 – 0,69 kV	SIEMENS OSLO	METRO OSLO T- BANERING
1685	13,2 / 0,475 kV	ANSALDO TRASPORTI	METROVIAS ARGENTINAS
2750	13.2 / 1.2 - 1.2 kV	SIEMENS ARGENTINA	METROVIAS ARGENTINAS
2750	13,2 / 1,212 kV	SIEMENS ARGENTINA	METROVIAS ARGENTINAS
1000	13,2 / 0,590 kV	SIEMENS ARGENTINA	METROVIAS ARGENTINAS
670	8,4 – 20 / 0,480	TECKNOGEST	METRO LYON
2750	20 / 0,585 kV	ALSTOM TRANSPORT	METRO LYON
1000	20 / 0,585 kV	ALSTOM TRANSPORT	METRO LYON
2750	20 / 0,585 kV	ALSTOM TRANSPORT	METRO LYON

1600	10 / 0,585 – 0,585kV	ANSALDO TRASPORTI	METRO COPENAGHEN DENMARK
3880	20 / 0,59 – 0,59kV	GEMMO	METROBUS PADOVA
4400	20 / 0,595 – 0,595 kV	SIEMENS AG	METRO SANTIAGO CHILE
2750	13,2 / 1,212 kV	SIEMENS AG	METRO BUENOS AIRES ARGENTINA
1800	26,4 / 0,525 – 0,525kV	NEELTRAN U.S.A.	METRO MILWAKEE
1620	10-20 / 0,59 – 0,59 kV	COM CAVI	METRO NAPOLI
1000	20 / 0,573 (0,464) - 0,573 (0,464) kV	ETDE	TROLLEYBUS ACHILLE LIGNON LYON
1000	20 / 0,573 (0,464) - 0,573 (0,464) kV	ETDE	TROLLEYBUS VIVIER MERLE LYON
1440	23 / 0,615 - 0,615 kV	HOMIJ	METRO ROTTERDAM NEDERLAND
1600	23 / 0,615 - 0,615 kV	HOMIJ	METRO ROTTERDAM NEDERLAND
1440	10 / 0,615 - 0,615 kV	HOMIJ	METRO ROTTERDAM NEDERLAND
1600	10,4 / 0,615 - 0,615 kV	CEGELEC CENTRE EST	TROLLEYBUS ROTTERDAM NEDERLAND

2000	10,4 / 0,615 - 0,615 kV	CEGELEC CENTRE EST	TROLLEYBUS ROTTERDAM NEDERLAND
900	20 / 0,575 - 0,575 kV	CEGELEC PARIS	SAT ROISSY PARIS
1000	20 / 0,573 (0,464) - 0,573 (0,464) kV	ETDE	TROLLEYBUS C 3 LINE LYON
4400	20 / 0,595 – 0,595 kV	SIEMENS AG	METRO SANTIAGO CHILE
1735	30 / 0,585 - 0,585 kV	ALSTOM TRANSPORT	TROLLEYBUS TUNIS
2200	20 / 0,610 kV	SIEMENS AG	METRO ALICANTE SPAIN
1250	20 / 0,610 kV	SIEMENS AG	METRO LEGERO SEVILLA – PLAZA NUEVA SPAIN
2500	20 / 1,225 kV	SIEMENS AG	METRO VALENCIA SPAIN
2250	15 / 1,225 kV	SIEMENS AG	METRO DE PALMA DE MALLORCA SPAIN
3150	20 / 0,585 – 0,585 kV	SPIE RAIL	METRO DE MARSEILLE LIGNE 1 FRANCE
1250	20 / 0,610 kV	SIEMENS AG	METRO LEGERO SEVILLA - COCHERAS SPAIN

1284	11 / 0,294 – 0,294 kV	SPIE RAIL	DOCKLANDS LIGHT RAILWAY – WOOLWICH ARSENAL - LONDON U.K.
2200	22/0,47-0,47 KV	GTT	METRO TORINO
1380	23/0,488-0,488 kV	IMTECH INFRA	METRO IN NETHERLAND
1380	10/0,488-0,488 kV	IMTECH INFRA	METRO IN NETHERLAND
2200	15/0,59-0,59 kV	SIEG	TRAMVIA BERGAMO
3864	20/0,59-0,59 kV	MET. RO	METRO ROMA
3150	11/0,63-0,63 kV	SIEMENS	METRO OSLO
1500	11/0,63-0,63 kV	SIEMENS	METRO OSLO
3300	30/0,59-0,59 kV	SIEMENS	METRO ALGIERS
2250	25/0,582-0,582 kV	Control Y Montajes Ind. CYMI Suministros	Train station , SPAIN
1250	11/0,585 kV	ALSTOM TRANSPORTATION	METRO BERGEN
3300	25/1,3-1,3 kV	ABENCOR SUMINISTROS	ADIF STATION OF S. ADRIA
2750	13,2/1,212-1,212 kV	SIEMENS S.A .	METRO BUENOS AIRES
1200	11/0,585-0,585 kV	BALFOUR BEATTY RAIL	METRO KUALA LUMPUR

2000	11/0,63-0,63 kV	SIEMENS	METRO OSLO
1610	13,8/0,59-0,59 kV	ANSALDO TRASPORTI	METRO RYHAD
2335	20/0,66 kV	TIAB S.A.	METRO BUCHAREST
3300	20/0,592-0,592 kV	PARSIAN RAIL POWER SUPPLY	METRO TEHERAN
2500	20/0,592-0,592 kV	PARSIAN RAIL POWER SUPPLY	METRO TEHERAN
2500	31,5/0,6-0,6 kV	BALIKESIR ELEKTROMEKANIK SANYI	METRO BURSA
1500	11/0,63-0,63 kV	SIEMENS	METRO OSLO
1610/805-805	13,8/0,59-0,59 KV	Ansaldo STS SpA	METRO RIYADH Princess Nura Bint Abdulrahman University for Women- Package 4
630	13,8/0,4 KV	Ansaldo STS SpA	METRO RIYADH Princess Nura Bint Abdulrahman University for Women- Package 4 METRO RIYADH
250	13,8/0,4 KV	Ansaldo STS SpA	Princess Nura Bint Abdulrahman University for Women- Package 4