

TURBINE CONTROL
 CONTROLLO TURBINA
 DRESSER-RAND NADROWSKI 21124
 PROJECT: EUROPOWER, ITALIEN
 PROGETTO:
 TURBINE
 TURBINA
 = TU
 + TURBINE

AS BUILT REV.4 30.11.07

+TU/508		03.12.07		DRESSER-RAND NADROWSKI 21124		COVER SHEET		14240/067		*TU		2	
		date		EUROPOWER, ITALIEN		FOGLIO DI COPERTINA				+TURBINE			
		drawn		KOL		MULTIFUNKTIONELLE ENERGIE SYSTEME				TUNPM-10626-L300F		pg. 1	
		check.				SUB.						56 pag.	
modific.		date		name		stand.		origin.		sub. f.			

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KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES										ADERN CORES	
1		W601 H05VV5-F		5x1.5mm ²											
2		-W1001 H05VV5-F		18x1.5mm ²											
3		W891 H05VV5-F		5x2.5mm ²											
4		-W1301 H05VV5-F		3x1.5mm ²											
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FUNKTIONSTEXT/FUNCTION		ZIELBEZEICHNUNG DESTINATION		/SEITE, PFAD /PAGE, PATH											
QUICK STOP		+TU-X30		+TU/60.2											
=		+TU-X30		+TU/60.2											
SPARE 2		+TU-X30		+TU/101.2											
=		+TU-X30		+TU/101.2											
=		+TU-X30		+TU/101.3											
=		+TU-X30		+TU/101.3											
LIMIT SWITCH QASV OPEN		+TU-X30		+TU/101.4											
=		+TU-X30		+TU/101.4											
=		+TU-X30		+TU/101.5											
PE		+TU-X30		+TU/101.5											
CONTROL VALVE HP		+TU-X30		+TU/89.2											
=		+TU-X30		+TU/89.2											
4-20MA		+TU-X30		+TU/89.5											
=		+TU-X30		+TU/89.5											
PRESSURE SWITCH		+TU-X30		+TU/130.4											
=		+TU-X30		+TU/130.4											
AUXILIARY OIL PUMP		+TU-X30		+TU/130.4											
EMERGENCY STOP		+TU-X30		+TU/60.7											
=		+TU-X30		+TU/60.7											

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KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES										ADERN CORES	
1		W601 H05VV5-F		5x1.5mm ²											
2		-W1001 H05VV5-F		18x1.5mm ²											
3		W891 H05VV5-F		5x2.5mm ²											
4		-W1301 H05VV5-F		3x1.5mm ²											
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FUNKTIONSTEXT/FUNCTION		ZIELBEZEICHNUNG DESTINATION		/SEITE, PFAD /PAGE, PATH											
QUICK STOP		+TU-X30		+TU/60.2											
=		+TU-X30		+TU/60.2											
SPARE 2		+TU-X30		+TU/101.2											
=		+TU-X30		+TU/101.2											
=		+TU-X30		+TU/101.3											
=		+TU-X30		+TU/101.3											
LIMIT SWITCH QASV OPEN		+TU-X30		+TU/101.4											
=		+TU-X30		+TU/101.4											
=		+TU-X30		+TU/101.5											
PE		+TU-X30		+TU/101.5											
CONTROL VALVE HP		+TU-X30		+TU/89.2											
=		+TU-X30		+TU/89.2											
4-20MA		+TU-X30		+TU/89.5											
=		+TU-X30		+TU/89.5											
PRESSURE SWITCH		+TU-X30		+TU/130.4											
=		+TU-X30		+TU/130.4											
AUXILIARY OIL PUMP		+TU-X30		+TU/130.4											
EMERGENCY STOP		+TU-X30		+TU/60.7											
=		+TU-X30		+TU/60.7											

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KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES										ADERN CORES	
1		W601 H05VV5-F		5x1.5mm ²											
2		-W1001 H05VV5-F		18x1.5mm ²											
3		W891 H05VV5-F		5x2.5mm ²											
4		-W1301 H05VV5-F		3x1.5mm ²											
5															
6															
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KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES										ADERN CORES	
1		W601 H05VV5-F		5x1.5mm ²											
2		-W1001 H05VV5-F		18x1.5mm ²											
3		W891 H05VV5-F		5x2.5mm ²											
4		-W1301 H05VV5-F		3x1.5mm ²											
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KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES										ADERN CORES	
1		W601 H05VV5-F		5x1.5mm ²											
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3		W891 H05VV5-F		5x2.5mm ²											
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KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES										ADERN CORES	
1		W601 H05VV5-F		5x1.5mm ²											
2		-W1001 H05VV5-F		18x1.5mm ²											
3		W891 H05VV5-F		5x2.5mm ²											
4		-W1301 H05VV5-F		3x1.5mm ²											
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KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES										ADERN CORES	
1		W601 H05VV5-F		5x1.5mm ²											
2		-W1001 H05VV5-F		18x1.5mm ²											
3		W891 H05VV5-F		5x2.5mm ²											
4		-W1301 H05VV5-F		3x1.5mm ²											
5															
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KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES										ADERN CORES	
1		W601 H05VV5-F		5x1.5mm ²											
2		-W1001 H05VV5-F		18x1.5mm ²											
3		W891 H05VV5-F		5x2.5mm ²											
4		-W1301 H05VV5-F		3x1.5mm ²											
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KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES										ADERN CORES	
1		W601 H05VV5-F		5x1.5mm ²											
2		-W1001 H05VV5-F		18x1.5mm ²											
3		W891 H05VV5-F		5x2.5mm ²											
4		-W1301 H05VV5-F		3x1.5mm ²											
5															
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KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES										ADERN CORES	
1		W601 H05VV5-F		5x1.5mm ²											
2		-W1001 H05VV5-F		18x1.5mm ²											
3		W891 H05VV5-F		5x2.5mm ²											
4		-W1301 H05VV5-F		3x1.5mm ²											
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KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES		KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES		KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES		KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES	
1		-W1061 H05VVUC4V5-F		18x0.75mm ²											
2		-W1071 H05VVUC4V5-F		18x0.75mm ²											
3															
4															
5															
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10															
FUNKTIONSTEXT/FUNCTION		1 2 3 4 5 6 7 8 9 10													
GEAR BEARING TEMPERATURE 1		X													
0-100°C		X													
GEAR BEARING TEMPERATURE 2		X													
0-100°C		X													
GEAR BEARING TEMPERATURE 3		X													
0-100°C		X													
GEAR BEARING TEMPERATURE 4		X													
0-100°C		X													
TURBINE BEARING TEMP 1		X													
0-150°C		X													
TURBINE BEARING TEMP 2		X													
0-150°C		X													
		X													
		X													
		X													
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A		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES											
1		-W1111 H05VVC4V5-F		18x0.75mm ²													
2		-W1121 H05VVC4V5-F		18x0.75mm ²													
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
FUNKTIONSTEXT/FUNCTION		A		1 2 3 4 5 6 7 8 9 10		/SEITE, PFAD /PAGE, PATH		ZIELBEZEICHNUNG DESTINATION		BRÜCKEN JUMPER		KLEMMENNAME TERMINALNAME		ZIELBEZEICHNUNG DESTINATION		ANSCHLUSS CONNECTION	
- SPARE -		x		x		+TU/111.2		+TU-2X21		34		- SPARE2		- SPARE2		1	
=		x		x		+TU/111.3		+TU-2X21		35		- SPARE2		- SPARE2		3	
=		x		x		+TU/111.3		+TU-2X21		36		- SPARE2		- SPARE2		4	
=		x		x		+TU/111.3		+TU-2X21		37		- TE22E41		- TE22E41		5	
TURBINE EXHAUST STEAM TEMP		x		x		+TU/111.3		+TU-2X21		38		- TE22E41		- TE22E41		7	
0-100°C		x		x		+TU/111.4		+TU-2X21		39		- TE22E41		- TE22E41		8	
=		x		x		+TU/111.4		+TU-2X21		40		- SPARE3		- SPARE3		9	
=		x		x		+TU/111.5		+TU-2X21		41		- SPARE3		- SPARE3		11	
=		x		x		+TU/111.5		+TU-2X21		42		- SPARE3		- SPARE3		12	
=		x		x		+TU/111.5		+TU-2X21		43		- SPARE3		- SPARE3		45	
=		x		x		+TU/112.2		+TU-2X21		50							
- SPARE -		x		x		+TU/112.2		+TU-2X21		51							
=		x		x		+TU/112.3		+TU-2X21		52							
=		x		x		+TU/112.3		+TU-2X21		53							
=		x		x		+TU/112.3		+TU-2X21		54		-GE10E61		-GE10E61		21	
VIBRATION TURBINE BEARING 1		x		x		+TU/112.3		+TU-2X21		55		-GE10E61		-GE10E61		22	
0-25mm/s / 4-20mA		x		x		+TU/112.4		+TU-2X21		56		-GE10E61		-GE10E61		23	
=		x		x		+TU/112.4		+TU-2X21		57		SCREEN		SCREEN		26	
=		x		x		+TU/112.4		+TU-2X21		58		-GE10E62		-GE10E62		25	
VIBRATION TURBINE BEARING 2		x		x		+TU/112.5		+TU-2X21		59		-GE10E62		-GE10E62		26	
0-25mm/s / 4-20mA		x		x		+TU/112.5		+TU-2X21		60		-GE10E62		-GE10E62		27	
=		x		x		+TU/112.5		+TU-2X21		61		SCREEN		SCREEN		27	
=		x		x		+TU/112.5		+TU-2X21		62		-GE10E81		-GE10E81		29	
TURBINE AXIAL DISPLACEMENT		x		x		+TU/112.6		+TU-2X21		63		-GE10E81		-GE10E81		30	
-0.75mm - +0.75mm / 4-20mA		x		x		+TU/112.6		+TU-2X21		64						31	
=		x		x		+TU/112.6		+TU-2X21		65		SCREEN		SCREEN		28	
=		x		x		+TU/112.6		+TU-2X21		66		-PT22E22		-PT22E22		37	
TURBINE EXHAUST STEAM		x		x		+TU/113.3		+TU-2X21		67		-PT22E22		-PT22E22		38	
PRESSURE		x		x		+TU/113.4		+TU-2X21		68		-PT22E22		-PT22E22		39	
-1 - +4bar g / 4-20mA		x		x		+TU/113.4		+TU-2X21		69		SCREEN		SCREEN		70	
=		x		x		+TU/113.4		+TU-2X21		71		- SPARE4		- SPARE4		41	
SPARE		x		x		+TU/113.5		+TU-2X21		72		- SPARE4		- SPARE4		42	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73		- SPARE4		- SPARE4		43	
=		x		x		+TU/113.5		+TU-2X21		73							

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KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES		ADERN CORES		KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES		KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES		ADERN CORES	
-W961 H05VVU4V5-F 4x0.75mm ²		-W962 H05VVU4V5-F 4x0.75mm ²													
1		2		3		4		5		6		7		8	
1		2		3		4		5		6		7		8	
2		3		4		5		6		7		8		9	
3		4		5		6		7		8		9		10	
4		5		6		7		8		9		10		11	
5		6		7		8		9		10		11		12	
6		7		8		9		10		11		12		13	
7		8		9		10		11		12		13		14	
8		9		10		11		12		13		14		15	
9		10		11		12		13		14		15		16	
10		11		12		13		14		15		16		17	
11		12		13		14		15		16		17		18	
12		13		14		15		16		17		18		19	
13		14		15		16		17		18		19		20	
14		15		16		17		18		19		20		21	
15		16		17		18		19		20		21		22	
16		17		18		19		20		21		22		23	
17		18		19		20		21		22		23		24	
18		19		20		21		22		23		24		25	
19		20		21		22		23		24		25		26	
20		21		22		23		24		25		26		27	
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137		138		139		140		141		142		143		144	
138		139		140		141		142		143		144		145	
139		140		141											

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KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE	
1	-W1361	H05VV5-F	7x2.5mm ²												
2	-W1451	H05VV5-F	3x6mm ²												
3															
4															
5															
6															
7															
8															
9															
10															
<div style="display: flex; justify-content: space-between;"> <div> <p>FUNKTIONSTEXT/FUNCTION</p> <p>STOP VALVE 1</p> <p>=</p> <p>STOP VALVE 2</p> <p>=</p> <p>SEAL STEAM VALVE</p> <p>=</p> <p>EMERGENCY OIL PUMP</p> <p>24V DC: 0.55KW</p> <p>EMERGENCY OIL PUMP</p> <p>24V DC: 0.55KW</p> <p>=</p> </div> <div> <p>/SEITE, PFAD /PAGE, PATH</p> <p>+TU/136.2 +TU-X200</p> <p>+TU/136.2 +TU-X200</p> <p>+TU/136.3 +TU-X200</p> <p>+TU/136.4 +TU-X200</p> <p>+TU/136.4 +TU-X200</p> <p>+TU/136.4 +TU-X200</p> <p>+TU/136.5 +TU-X200</p> <p>+TU/136.5 +TU-X200</p> <p>+TU/145.2 +TU-X200</p> <p>+TU/145.2 +TU-X200</p> <p>+TU/145.2 +TU-X200</p> <p>+TU/145.3 +TU-X200</p> </div> <div> <p>ZIELBEZEICHNUNG DESTINATION</p> <p>+TU-X200</p> <p>+TU-X200</p> <p>+TU-X200</p> <p>+TU-X200</p> <p>+TU-X200</p> <p>+TU-X200</p> <p>+TU-X200</p> <p>+TU-X200</p> <p>+TU-X200</p> <p>+TU-X200</p> <p>+TU-X200</p> <p>+TU-X200</p> </div> </div>															
<div style="display: flex; justify-content: space-between;"> <div> <p>BRUECKEN LUMPER</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>10</p> <p>11</p> <p>12</p> <p>13</p> <p>14</p> <p>14</p> <p>15</p> <p>15</p> <p>16</p> </div> <div> <p>KLEMMENNAME TERMINALNAME</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>10</p> <p>11</p> <p>12</p> <p>13</p> <p>14</p> <p>14</p> <p>15</p> <p>15</p> <p>16</p> </div> <div> <p>ZIELBEZEICHNUNG DESTINATION</p> <p>-M70M11</p> <p>-M70M11</p> <p>-M70M11</p> <p>-M70M11</p> <p>-M70M11</p> <p>-M70M11</p> <p>-M70M11</p> <p>-M70M11</p> <p>-M70M11</p> <p>-M70M11</p> <p>-M70M11</p> <p>-M70M11</p> </div> </div>															
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<div style="display: flex; justify-content: space-between;"> <div> <p>ADERN CORES</p> <p>7x2.5mm²</p> <p>3x6mm²</p> </div> <div> <p>ADERN CORES</p> <p>7x2.5mm²</p> <p>3x6mm²</p> </div> </div>															
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<div style="display: flex; justify-content: space-between;"> <div> <p>ADERN CORES</p> <p>7x2.5mm²</p> <p>3x6mm²</p> </div> <div> <p>ADERN CORES</p> <p>7x2.5mm²</p> <p>3x6mm²</p> </div> </div>															
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<div style="display: flex; justify-content: space-between;"> <div> <p>ADERN CORES</p> <p>7x2.5mm²</p> <p>3x6mm²</p> </div> <div> <p>ADERN CORES</p> <p>7x2.5mm²</p> <p>3x6mm²</p> </div> </div>															
<div style="display: flex; justify-content: space-between;"> <div> <p>ADERN CORES</p> <p>7x2.5mm²</p> <p>3x6mm²</p> </div> <div> <p>ADERN CORES</p> <p>7x2.5mm²</p> </div></div>															

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KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE	
1	W861	H05VVC4V5-K	2x1.5mm ²												
2	W862	H05VVC4V5-K	2x1.5mm ²												
3	W863	H05VVC4V5-K	2x1.5mm ²												
4	W892	H05VVC4V5-K	2x1.5mm ²												
5	-W911	H05VVC4V5-F	4x0.75mm ²												
6	-W1061	H05VVC4V5-F	18x0.75mm ²												
7															
8															
9															
10															
FUNKTIONSTEXT/FUNCTION		/SEITE, PFAO		ZIELBEZEICHNUNG DESTINATION		/PAGE, PATH		ZIELBEZEICHNUNG DESTINATION		/SEITE, PFAO		ZIELBEZEICHNUNG DESTINATION		/PAGE, PATH	
PICK-UP A		1 2 3 4 5 6 7 8 9 10		X		X		X		X		X		X	
PICK-UP B		X		X		X		X		X		X		X	
NUMERO GIRI		X		X		X		X		X		X		X	
COMANDO SEGNALI HP		X		X		X		X		X		X		X	
4-20mA		X		X		X		X		X		X		X	
PRESSIONE VAPORE ENTRATA		X		X		X		X		X		X		X	
0 - 60 barg / 4-20mA		X		X		X		X		X		X		X	
4-20mA		X		X		X		X		X		X		X	
OLIO TEMPERATURA		X		X		X		X		X		X		X	
0-100°C/4-20mA		X		X		X		X		X		X		X	
LUBRIFICANTE A PRESSIONE		X		X		X		X		X		X		X	
0-4barg / 4-20mA		X		X		X		X		X		X		X	
RISERVA 1		X		X		X		X		X		X		X	
COMANDO OLIO PRESSIONE		X		X		X		X		X		X		X	
0-16barg / 4-20mA		X		X		X		X		X		X		X	
51		X		X		X		X		X		X		X	
52P		X		X		X		X		X		X		X	
52		X		X		X		X		X		X		X	
56 pg.		X		X		X		X		X		X		X	
TUNPM-10626-L300F		X		X		X		X		X		X		X	
14240/067		X		X		X		X		X		X		X	
=TU+TURBINE-X40		X		X		X		X		X		X		X	
MULTIFUNKTIONELLE ENERGIE SYSTEME		X		X		X		X		X		X		X	
sub.		X		X		X		X		X		X		X	
origin.		X		X		X		X		X		X		X	
sub. f.		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
drawn		X		X		X		X		X		X		X	
check		X		X		X		X		X		X		X	
stand.		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
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18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X		X		X		X		X		X		X	
18.12.07		X		X		X		X		X		X		X	
date		X		X		X		X		X		X		X	
name		X													

1		2		3		4		5		6		7		8	
A		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES		B		KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES		B	
1		-W1061		H05VVC4V5-F		18x0.75mm ²		1							
2		-W1071		H05VVC4V5-F		18x0.75mm ²		2							
3								3							
4															
5															
6															
7															
8															
9															
10															
		KLEMMLEISTENBEZEICHNUNG TERMINAL STRIP DESIGNATION													

1		2		3		4		5		6		7		8	
KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES		KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES		KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES		KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES	
-W1111 H05VVC4V5-F		18x0.75mm ²		-W1111 H05VVC4V5-F		18x0.75mm ²		-W1111 H05VVC4V5-F		18x0.75mm ²		-W1111 H05VVC4V5-F		18x0.75mm ²	
-W1121 H05VVC4V5-F		18x0.75mm ²		-W1121 H05VVC4V5-F		18x0.75mm ²		-W1121 H05VVC4V5-F		18x0.75mm ²		-W1121 H05VVC4V5-F		18x0.75mm ²	

1		2		3		4		5		6		7		8	
KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES		ADERN CORES		KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES		KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES		ADERN CORES	
-W1131 H05VVVC4V5-F -W1141 H05VVVC4V5-F		4x0.75mm ² 18x0.75mm ²		4x0.75mm ² 18x0.75mm ²											
FUNKTIONSTEXT/FUNCTION		1 2 3 4 5 6 7 8 9 10		1 2 3 4 5 6 7 8 9 10											
RISERVA		X		X											
VAPORE ENTRATA TEMP		X		X											
0-600°C / 4-20 mA		X		X											
=		X		X											
0-25mm/s / 4-20mA		X		X											
=		X		X											
=		X		X											
=		X		X											
=		X		X											
VIBRAZIONE ALTERNATORE		X		X											
0-25mm/s / 4-20mA		X		X											
=		X		X											
=		X		X											
VIBRAZIONE ALTERNATORE		X		X											
0-25mm/s / 4-20mA		X		X											
=		X		X											
=		X		X											

53		date 18.12.07		DRESSER-RAND NADROWSKI 21124		=TU+TURBINE-X41		14240/067		*TU +TURBINE		pg. 53A	
drawn KOL		/ SEP		EUROPOWER, ITALIEN								pg. 56 pg.	
check.		stand. 18.12.07		origin.		sub. f.						TUNPM-10626-L300F	
date		name		date		sub. f.							
modif.		date		name		sub. f.							

1		2		3		4		5		6		7		8	
A		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES									
1		-W961 H05VVVC4V5-F		4x0.75mm ²											
2		-W962 H05VVVC4V5-F		4x0.75mm ²											
3															
4															
5															
6															
7															
8															
9															
10															

1		2		3		4		5		6		7		8	
A		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES									
FUNKTIONSTEXT/FUNCTION		1 2 3 4 5 6 7 8 9 10													
NUMERO GIRI PICK-UP 1		X													
=		X													
=		X													
=		X													
=		X													
NUMERO GIRI PICK-UP 2		X													
=		X													
=		X													
=		X													
=		X													

1		2		3		4		5		6		7		8	
A		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES									
FUNKTIONSTEXT/FUNCTION		1 2 3 4 5 6 7 8 9 10													
NUMERO GIRI PICK-UP 1		X													
=		X													
=		X													
=		X													
=		X													
NUMERO GIRI PICK-UP 2		X													
=		X													
=		X													
=		X													
=		X													

1		2		3		4		5		6		7		8	
A		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES									
FUNKTIONSTEXT/FUNCTION		1 2 3 4 5 6 7 8 9 10													
NUMERO GIRI PICK-UP 1		X													
=		X													
=		X													
=		X													
=		X													
NUMERO GIRI PICK-UP 2		X													
=		X													
=		X													
=		X													
=		X													

1		2		3		4		5		6		7		8	
A		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES									
FUNKTIONSTEXT/FUNCTION		1 2 3 4 5 6 7 8 9 10													
NUMERO GIRI PICK-UP 1		X													
=		X													
=		X													
=		X													
=		X													
NUMERO GIRI PICK-UP 2		X													
=		X													
=		X													
=		X													
=		X													

1		2		3		4		5		6		7		8	
A		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES									
FUNKTIONSTEXT/FUNCTION		1 2 3 4 5 6 7 8 9 10													
NUMERO GIRI PICK-UP 1		X													
=		X													
=		X													
=		X													
=		X													
NUMERO GIRI PICK-UP 2		X													
=		X													
=		X													
=		X													
=		X													

1		2		3		4		5		6		7		8	
A		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES									
FUNKTIONSTEXT/FUNCTION		1 2 3 4 5 6 7 8 9 10													
NUMERO GIRI PICK-UP 1		X													
=		X													
=		X													
=		X													
=		X													
NUMERO GIRI PICK-UP 2		X													
=		X													
=		X													
=		X													
=		X													

1		2		3		4		5		6		7		8	
A		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES									
FUNKTIONSTEXT/FUNCTION		1 2 3 4 5 6 7 8 9 10													
NUMERO GIRI PICK-UP 1		X													
=		X													
=		X													
=		X													
=		X													
NUMERO GIRI PICK-UP 2		X													
=		X													
=		X													
=		X													
=		X													

1		2		3		4		5		6		7		8	
A		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES									
FUNKTIONSTEXT/FUNCTION		1 2 3 4 5 6 7 8 9 10													
NUMERO GIRI PICK-UP 1		X													
=		X													
=		X													
=		X													
=		X													
NUMERO GIRI PICK-UP 2		X													
=		X													
=		X													
=		X													
=		X													

1		2		3		4		5		6		7		8	
A		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES									
FUNKTIONSTEXT/FUNCTION		1 2 3 4 5 6 7 8 9 10													
NUMERO GIRI PICK-UP 1		X													
=		X													
=		X													
=		X													
=		X													
NUMERO GIRI PICK-UP 2		X													
=		X													
=		X													
=		X													
=		X													

1		2		3		4		5		6		7		8	
A		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES									
FUNKTIONSTEXT/FUNCTION		1 2 3 4 5 6 7 8 9 10													
NUMERO GIRI PICK-UP 1		X													
=		X													
=		X													
=		X													
=		X													
NUMERO GIRI PICK-UP 2		X													
=		X													
=		X													
=		X													
=		X													

1		2		3		4		5		6		7		8	
A		KABELBEZEICHNUNG CABLE DESIGNATION		KABELTYP CABLE TYPE		ADERN CORES									
FUNKTIONSTEXT/FUNCTION		1 2 3 4 5 6 7 8 9 10													
NUMERO GIRI PICK-UP 1		X													
=		X													
=		X													

[illegible]

1		2		3		4		5		6		7		8	
KABELBEZEICHNUNG KABELTYP CABLE DESIGNATION CABLE TYPE		ADERN CORES		7 x 2.5mm ² 3 x 6mm ²										ROERN CORES	
-W1361 H05VV5-F															
-W1451 H05VV5-F															