

**NOUVELLE LIGNE LYON TURIN - NUOVA LINEA TORINO LIONE**  
**PARTIE COMMUNE FRANCO-ITALIENNE - PARTE COMUNE ITALO-FRANCESE**  
**CUP C11J05000030001**

**Chantier Opérationnel 02D / Cantiere Operativo 02D**  
**CIG Z9A26AB627**

**PROGETTO DEFINITIVO IN VARIANTE DI RICOLLOCAZIONE**  
**DEL "CENTRO GUIDA SICURA" NEL COMUNE DI BUTTIGLIERA ALTA**  
**(OTTEMPERANZA ALLE PRESCRIZIONI N. 27 E 132 DELLA DELIBERA CIPE 19/2015)**

**IMPIANTI ELETTRICI E DI ILLUMINAZIONE**  
**TABELLA CAVI**

Indice	Date / Data	Modifications / Modifiche	Etabli par / Concepito da	Vérifié par / Controllato da	Autorisé par / Autorizzato da
0	27/05/2019	Première diffusion / Prima emissione	Ing. E. Guiot	Ing. E. Guiot	Ing. V. Ripamonti
A	18/12/2020	Transposition observe. TELT/Del. Commun Cesana T.se n° 47 du 25/10/2019 Recepimento osserv. TELT/Del. Comune Cesana T.se n. 47 del 25/10/2019	Ing. E. Guiot	Ing. E. Guiot	Ing. V. Ripamonti
B	10/03/2022	Révision suite aux observations du TELT - 28/02/2022 Revisione a seguito osservazioni TELT - 28/02/2022	Ing. E. Guiot	Ing. E. Guiot	Ing. V. Ripamonti
-	-	-	-	-	-
-	-	-	-	-	-

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Cantiere Operativo Chantier Opérationnel	Contratto Contrat	Opera Ouvrage	Tratto Section

<b>D P L I M</b>	<b>0 0 7 1 2 1</b>	<b>B</b>
Fase Phase	Tipo documento Type de document	Indice Index

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Impianti elettrici - automazione - verifiche e misure



L'APPALTATORE/L'ENTREPRENEUR

-

**SCALA / ÉCHELLE**

-

**Indirizzo / Adresse GED**  
**ID DMS**

**A P**

**Stato / Statut**

**IL DIRETTORE DEI LAVORI/LE MAÎTRE D'ŒUVRE**

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Ce projet  
est cofinancé par  
l'union  
européenne  
(DG-TREN)



Questo progetto  
è cofinanziato  
dall'Unione  
europea  
(TEN-T)

**CONSEPI s.r.l. - Sede in SUSÀ (TO) -**  
**Via Torino n. 127**  
**Numero di Iscrizione al Registro delle**  
**Imprese di Torino e codice fiscale**  
**03719310017**  
**N. REA 00578221 di TORINO**

**TABELLA CAVI UTENZE FT1 - FT2 - FT4 - FT5**

cavo Nr.	da	a	descrizione	Potenza KW (max)	Linea sezione	Linea tipo	Linea percorso
001	QGBT	FT1	FT1-UV	105,00	3x240/120	FG16R16	
003	QGBT	FT2	FT2-UV	158,00	3x185/95	FG16R16	
004	QGBT	FT4	FT4-UV	149,00	3(2x150)/150	FG16R16	
005	QGBT	FT5	FT5-UV	68,00	3x185/95	FG16R16	
006	QGBT	PLS armadio SHE	Geb-PLS		5x6	FG16OR16	
007	FT1-UV	armadio motore (armadi)	Armadio		xxx		
008	FT1-UV	armadio fili comando (armadi)	Armadio		xxx		
101	FT1-UV	Tettoia FT1--40A	FT1-U	25,00	5x16	FG16OR16	FT1-UV / KS3 / KS2 / KS1 / FT1-U
102	FT1-UV	Piattaforma idraulica	FT1-S	20,00	5x16	FG16OR16	FT1-UV / KS3 / KS2 / KS1 / FT1-S
103	FT1-UV	Istruttore FT1--25A	FT1-I	12,00	5x16	FG16OR16	FT1-UV / KS3 / KS2 / KS1 / FT1-I
107	FT1-UV	ES1 -SK1 / 1.1-	FT1-ES1	0,60	4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / KS1 / SK1
108	FT1-UV	ES1 -SK1 / 1.1-	FT1-ES1		12x1,5	FG16OR16	FT1-UV / KS3 / KS2 / KS1 / SK1
109	FT1-UV	ES2 -SK1 / 1.2-	FT1-ES2	0,60	4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / KS1 / SK1
110	FT1-UV	ES2 -SK1 / 1.2-	FT1-ES2		12x1,5	FG16OR16	FT1-UV / KS3 / KS2 / KS1 / SK1
111	FT1-UV	ES3 -SK2 / 2.-	FT1-ES3	0,60	4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / KS1 / SK1
112	FT1-UV	ES3 -SK2 / 2.-	FT1-ES3		12x1,5	FG16OR16	FT1-UV / KS3 / KS2 / KS1 / SK1
113	FT1-UV	WHR1 FT1 P1	FT1-WHR1-P1	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / FT1-WHR1
114	FT1-UV	WHR1 FT1 P2	FT1-WHR1-P2	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / FT1-WHR1
115	FT1-UV	WHR1 FT1 P3	FT1-WHR1-P3	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / FT1-WHR1
116	FT1-UV	WHR1 FT1 P4	FT1-WHR1-P4	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / FT1-WHR1
117	FT1-UV	WHR1 FT1 P5	FT1-WHR1-P5	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / FT1-WHR1
118	FT1-UV	WHR1 FT1 P6	FT1-WHR1-P6	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / FT1-WHR1
119	FT1-UV	WHR1 FT1 P7	FT1-WHR1-P7	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / FT1-WHR1
120	FT1-UV	WHR1 FT1 P8	FT1-WHR1-P8	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / FT1-WHR1
121	FT1-UV	WHR1 FT1 P9	FT1-WHR1-P9	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / FT1-WHR1
122	FT1-UV	WHR1 FT1 P10	FT1-WHR1-P10	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / FT1-WHR1
123	FT1-UV	WHR1 FT1 P11 Canalina	FT1-WHR1-P11	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / FT1-WHR1
124	FT1-UV	WHR1 Livello	FT1-WHR1-N		4x2,5	FG16OR16	FT1-UV / KS3 / KS2 / FT1-WHR1
125	FT1-UV	WHR2 FT1 P1	FT1-WHR2-P1	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / FT1-WHR2
126	FT1-UV	WHR2 FT1 P2	FT1-WHR2-P2	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / FT1-WHR2
127	FT1-UV	WHR2 FT1 P3	FT1-WHR2-P3	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / FT1-WHR2
128	FT1-UV	WHR2 FT1 P4	FT1-WHR2-P4	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / FT1-WHR2
129	FT1-UV	WHR2 FT1 P5	FT1-WHR2-P5	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / FT1-WHR2
130	FT1-UV	WHR2 FT1 P6	FT1-WHR2-P6	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / FT1-WHR2
131	FT1-UV	WHR2 FT1 P7	FT1-WHR2-P7	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / FT1-WHR2
132	FT1-UV	WHR2 FT1 P8	FT1-WHR2-P8	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / FT1-WHR2
133	FT1-UV	WHR2 FT1 P9	FT1-WHR2-P9	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / FT1-WHR2
134	FT1-UV	WHR2 FT1 P10	FT1-WHR2-P10	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / FT1-WHR2
135	FT1-UV	WHR2 FT1 P11	FT1-WHR2-P11	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / FT1-WHR2
136	FT1-UV	WHR2 FT1 P12	FT1-WHR2-P12	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / FT1-WHR2
137	FT1-UV	WHR2 FT1 P13Canalina	FT1-WHR2-P13	1,20	4x2,5	FG16OR16	FT1-UV / KS3 / FT1-WHR2
138	FT1-UV	WHR2 Livello	FT1-WHR2-N		4x2,5	FG16OR16	FT1-UV / KS3 / FT1-WHR2
139	FT1-UV	WHR3 FT1 P1	FT1-WHR3-P1	1,20	4x2,5	FG16OR16	FT1-UV / KS4 / FT1-WHR3
140	FT1-UV	WHR3 FT1 P2	FT1-WHR3-P2	1,20	4x2,5	FG16OR16	FT1-UV / KS4 / FT1-WHR3
141	FT1-UV	WHR3 FT1 P3	FT1-WHR3-P3	1,20	4x2,5	FG16OR16	FT1-UV / KS4 / FT1-WHR3
142	FT1-UV	WHR3 FT1 P4	FT1-WHR3-P4	1,20	4x2,5	FG16OR16	FT1-UV / KS4 / FT1-WHR3
143	FT1-UV	WHR3 FT1 P5	FT1-WHR3-P5	1,20	4x2,5	FG16OR16	FT1-UV / KS4 / FT1-WHR3
144	FT1-UV	WHR3 FT1 P6	FT1-WHR3-P6	1,20	4x2,5	FG16OR16	FT1-UV / KS4 / FT1-WHR3
145	FT1-UV	WHR3 FT1 P7	FT1-WHR3-P7	1,20	4x2,5	FG16OR16	FT1-UV / KS4 / FT1-WHR3
146	FT1-UV	WHR3 FT1 P8	FT1-WHR3-P8	1,20	4x2,5	FG16OR16	FT1-UV / KS4 / FT1-WHR3
147	FT1-UV	WHR3 FT1 P9	FT1-WHR3-P9	1,20	4x2,5	FG16OR16	FT1-UV / KS4 / FT1-WHR3
148	FT1-UV	WHR3 FT1 P10	FT1-WHR3-P10	1,20	4x2,5	FG16OR16	FT1-UV / KS4 / FT1-WHR3
149	FT1-UV	WHR3 FT1 P11	FT1-WHR3-P11	1,20	4x2,5	FG16OR16	FT1-UV / KS4 / FT1-WHR3
150	FT1-UV	WHR3 FT1 P12	FT1-WHR3-P12	1,20	4x2,5	FG16OR16	FT1-UV / KS4 / FT1-WHR3
151	FT1-UV	WHR3 Livello	FT1-WHR3-N		4x2,5	FG16OR16	FT1-UV / KS4 / FT1-WHR3
152	FT1-UV	FT1 altezza stoccaggio	FT1-H1		2x2x0,8	A2YF(L)2Y	FT1-UV / KS3 / KS2 / KS1 / Storage (-152-)
153	FT1-UV	VV LWL	GEB-PLS		4G50/125	A-DQ(ZN)B2Y	FT1-UV / KS3 / KS2 / KS1 / Gebaude
154	FT1-UV	Instr.FT1 LWL	FT1-I		4G50/125	A-DQ(ZN)B2Y	FT1-UV / KS3 / KS2 / KS1 / FT1-I
155	FT1-UV	Temperatura esterna			2x2x0,8	A2YF(L)2Y	FT1-UV (-155-)
156	FT1-UV	Temperatura suolo			2x2x0,8	A2YF(L)2Y	FT1-UV (-156-)
		<b>Potenza (massima)</b>		<b>102,00</b>			
1001	FT1-J	LS FT1 SHE 1 destra	FT1-LS-R-SHE1		4x2x0,8	A2YF(L)2Y	FT1-I / KS1 / LS (-1001-)
1002	FT1-J	LS FT1 SHE 1 sinistra	FT1-LS-L-SHE1		4x2x0,8	A2YF(L)2Y	FT1-I / KS1 / LS (-1002-)
1003	FT1-J	LS FT1 WIM 1 a destra	FT1-LS-R-WIM1		4x2x0,8	A2YF(L)2Y	FT1-I / KS1 / LS (-1003-)

**Legenda**

UV	quadro distribuzione
FT1	settore del FT1
U	tettoia di protezione
I	torre istruttore
S	Piattaforma
LM	palo della luce
ES	Elettrovalvola
WHR	codice ostacolo d'acqua
P	Pompa
BW	pompa di irrigazione
LS-R-SHE	fococellula destra -SHE
LWL	cavi in fibra ottica
KS3	pozzetto per cavi numerato
A	visualizzatore di velocità

**tipi di cavo**

FG16OR16	cavi sotterranei con isolamento in EPR, vedi nota
A2YF(L)2Y	cavi sotterranei con isolamento in EPR, vedi nota
A-DQ(ZN)B2Y	cavi sotterranei con isolamento in EPR, vedi nota

**LWL percorso SPS**

VV-PLS-Schr. torsioni

Nr. cavo | 153

FT1-UV

Nr. cavo | 154

torre istruttore FT1

Nr. cavo | 1014

Piattaforma

Nr. cavo | 245

FT2-UV

Nr. cavo | 246

torre istruttore FT2

Nr. cavo | 2014

FT4-UV

Nr. cavo | 435

torre istruttore FT4

Nr. cavo | 4011

FT5-UV

Nr. cavo | 530

torre istruttore FT5

1004	FT1-I	LS FT1 WIM 1 a sinistra	FT1-LS-L-WIM1		4x2x0,8	A2YF(L)2Y	FT1-I / KS1 / LS (-1004-)
1005	FT1-I	LS FT1 WIM 2 destra WH 1	FT1-LS-R-WIM2		4x2x0,8	A2YF(L)2Y	FT1-I / KS1 / KS2 / LS (-1005-)
1006	FT1-I	LS FT1 WIM 2 sinistra WH 1	FT1-LS-L-WIM2		4x2x0,8	A2YF(L)2Y	FT1-I / KS1 / KS2 / LS (-1006-)
1007	FT1-I	LS FT1 WIM 3 destra WH 2	FT1-LS-R-WIM3		4x2x0,8	A2YF(L)2Y	FT1-I / KS1 / KS2 / KS3 / LS (-1007-)
1008	FT1-I	LS FT1 WIM 3 sinistra WH 2	FT1-LS-L-WIM3		4x2x0,8	A2YF(L)2Y	FT1-I / KS1 / KS2 / KS3 / LS (-1008-)
1009	FT1-I	Visualizzatore FT1 WIM /1 WH	FT1-A-WIM1		3x2,5	FG16OR16	FT1-I / KS1 / KS2 / KS3 / KS4 / A (-1009-)
1010	FT1-I	Visualizzatore FT1 WIM /2 WH	FT1-A-WIM1		3x2,5	FG16OR16	FT1-I / KS1 / KS2 / KS3 / KS4 / A (-1010-)
1011	FT1-I	Visualizzatore FT1 Messl. WH	FT1-A-WIM1		4x2x0,8	A2YF(L)2Y	FT1-I / KS1 / KS2 / KS3 / KS4 / A (-1011-)
1012	FT1-I	piattaforma idraulica	FT1-S		7x1,5	FG16OR16	FT1-I / KS1 / FT1-S
1013	FT1-I	VW LWL	Geb-PLS		4G50/125	A-DQ(ZN)B2Y	FT1-I / KS1 / Gebäude
1014	FT1-I	Piattaforma SPS	FT1-S		4G50/125	A-DQ(ZN)B2Y	FT1-I / KS1 / FT1-S
1015	FT1-I	Video edif.amministrativo	Geb-VID		xxx		non necessario
201	FT2-UV	Tettoia FT2---40A	FT2-U	25,00	5x10	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / FT2-U
202	FT2-UV	Istruttore FT2---25A	FT2-I	12,00	5x10	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-I
204	FT2-UV	ES1 -SK3 / 3.1-	FT2-ES1	0,60	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / SK3
205	FT2-UV	ES1 -SK3 / 3.1-	FT2-ES1		12x1,5	FG16OR16	FT2-UV / KS7 / KS6 / SK3
206	FT2-UV	ES2 -SK3 / 3.2-	FT2-ES2	0,60	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / SK3
207	FT2-UV	ES2 -SK3 / 3.2-	FT2-ES2		12x1,5	FG16OR16	FT2-UV / KS7 / KS6 / SK3
208	FT2-UV	ES3 -SK3 / 3.3-	FT2-ES3	0,60	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / SK3
209	FT2-UV	ES3 -SK3 / 3.3-	FT2-ES3		12x1,5	FG16OR16	FT2-UV / KS7 / KS6 / SK3
210	FT2-UV	ES4 -SK4 / 4.1-	FT2-ES4	0,60	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / SK4
211	FT2-UV	ES4 -SK4 / 4.1-	FT2-ES4		12x1,5	FG16OR16	FT2-UV / KS7 / KS6 / SK4
212	FT2-UV	ES5 -SK4 / 4.2-	FT2-ES5	0,60	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / SK4
213	FT2-UV	ES5 -SK4 / 4.2-	FT2-ES5		12x1,5	FG16OR16	FT2-UV / KS7 / KS6 / SK4
214	FT2-UV	ES6 -SK4 / 4.3-	FT2-ES6	0,60	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / SK4
215	FT2-UV	ES6 -SK4 / 4.3-	FT2-ES6		12x1,5	FG16OR16	FT2-UV / KS7 / KS6 / SK4
216	FT2-UV	ES7 -SK4 / 4.4-	FT2-ES7	0,60	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / SK4
217	FT2-UV	ES7 -SK4 / 4.4-	FT2-ES7		12x1,5	FG16OR16	FT2-UV / KS7 / KS6 / SK4
218	FT2-UV	ES8 -SK4 / 4.5-	FT2-ES8	0,60	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / SK4
219	FT2-UV	ES8 -SK4 / 4.5-	FT2-ES8		12x1,5	FG16OR16	FT2-UV / KS7 / KS6 / SK4
220	FT2-UV	ES9 -SK4 / 4.6-	FT2-ES9	0,60	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / SK4
221	FT2-UV	ES9 -SK4 / 4.6-	FT2-ES9		12x1,5	FG16OR16	FT2-UV / KS7 / KS6 / SK4
222	FT2-UV	ES10 -SK4 / 4.7-	FT2-ES10	0,60	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / SK4
223	FT2-UV	ES10 -SK4 / 4.7-	FT2-ES10		12x1,5	FG16OR16	FT2-UV / KS7 / KS6 / SK4
224	FT2-UV	ES11 -SK5 / 5.1-	FT2-ES11	0,60	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / SK5
225	FT2-UV	ES11 -SK5 / 5.1-	FT2-ES11		12x1,5	FG16OR16	FT2-UV / KS7 / KS6 / SK5
226	FT2-UV	WHR1 FT2 P1	FT2-WHR1-P1	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR1
227	FT2-UV	WHR1 FT2 P2	FT2-WHR1-P2	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR1
228	FT2-UV	WHR1 FT2 P3	FT2-WHR1-P3	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR1
229	FT2-UV	WHR1 FT2 P4	FT2-WHR1-P4	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR1
230	FT2-UV	WHR1 FT2 P5	FT2-WHR1-P5	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR1
231	FT2-UV	WHR1 FT2 P6	FT2-WHR1-P6	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR1
232	FT2-UV	WHR1 FT2 P7	FT2-WHR1-P7	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR1
233	FT2-UV	WHR1 FT2 P8	FT2-WHR1-P8	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR1
234	FT2-UV	WHR1 Livello	FT2-WHR1-N		4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR1
235	FT2-UV	WHR2 FT2 P1	FT2-WHR2-P1	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR2
236	FT2-UV	WHR2 FT2 P2	FT2-WHR2-P2	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR2
237	FT2-UV	WHR2 FT2 P3	FT2-WHR2-P3	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR2
238	FT2-UV	WHR2 FT2 P4	FT2-WHR2-P4	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR2
239	FT2-UV	WHR2 FT2 P5	FT2-WHR2-P5	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR2
240	FT2-UV	WHR2 FT2 P6	FT2-WHR2-P6	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR2
241	FT2-UV	WHR2 FT2 P7	FT2-WHR2-P7	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR2
242	FT2-UV	WHR2 FT2 P8	FT2-WHR2-P8	1,20	4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR2
243	FT2-UV	WHR2 Livello	FT2-WHR2-N		4x2,5	FG16OR16	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-WHR2
244	FT2-UV	FT2 altezza pompa stazione	FT2-H1		2x2x0,8	A2YF(L)2Y	FT2-UV / FT2-Pompa stazione P1
245	FT2-UV	Piattaforma	FT1-S		4G50/125	A-DQ(ZN)B2Y	FT2-UV / KS7 / KS6 / KS5 / KS4 / KS3 / KS2 / KS1 / FT1-S
246	FT2-UV	Instr.FT2 LWL	FT2-I		4G50/125	A-DQ(ZN)B2Y	FT2-UV / KS7 / KS6 / KS8 / KS9 / FT2-I
247	FT2-UV	P1	FT2-BW-P1	5,50			
248	FT2-UV	P2	FT2-BW-P2	5,50			
249	FT2-UV	P3	FT2-BW-P3	12,00			
250	FT2-UV	P4	FT2-BW-P4	12,00			
251	FT2-UV	P5	FT2-BW-P5	5,50			
252	FT2-UV	P6	FT2-BW-P6	5,50			
253	FT2-UV	P7	FT2-BW-P7	3,15			
254	FT2-UV	P8	FT2-BW-P8	3,15			
255	FT2-UV	P9	FT2-BW-P9	12,00			
256	FT2-UV	P10	FT2-BW-P10	12,00			
257	FT2-UV	P11	FT2-BW-P11	7,50			
258	FT2-UV	P12	FT2-BW-P12	7,50			
		<b>Potenza (massima)</b>		<b>154,10</b>			
2001	FT2-I	LS FT2 SHE 1 ins. a destra	FT2-LS-R-SHE1		4x2x0,8	A2YF(L)2Y	FT2-I / KS9 / KS8 / LS (-2001-)
2002	FT2-I	LS FT2 SHE 1 ins. a sinistra	FT2-LS-L-SHE1		4x2x0,8	A2YF(L)2Y	FT2-I / KS9 / KS8 / LS (-2002-)
2003	FT2-I	LS FT2 SHE 2 a destra	FT2-LS-R-SHE2		4x2x0,8	A2YF(L)2Y	FT2-I / KS9 / KS8 / LS (-2003-)
2004	FT2-I	LS FT2 SHE 2 a sinistra	FT2-LS-L-SHE2		4x2x0,8	A2YF(L)2Y	FT2-I / KS9 / KS8 / LS (-2004-)

**LWL percorso PLS**

VW-PLS - Schrank

Kabel-Nr. 1013

torre istruttore FT1

Nr. cavo 2015

torre istruttore FT2

Nr. cavo 4010

Nr. cavo 5013

torre istruttore FT5

**LWL percorso Video**

VW-PLS - Schrank

Nr. cavo 1015

torre istruttore FT1

Nr. cavo 2016

torre istruttore FT2

Nr. cavo 4012

torre istruttore FT4

Nr. cavo 5014

torre istruttore FT5

2005	FT2-I	LS FT2 WIM 1 ins. a destra	FT2-LS-R-WIM1		4x2x0,8	A2YF(L)2Y	FT2-I / KS9 / LS (-2005-)
2006	FT2-I	LS FT2 WIM 1 ins. a sinistra	FT2-LS-L-WIM1		4x2x0,8	A2YF(L)2Y	FT2-I / KS9 / LS (-2006-)
2007	FT2-I	LS FT2 WIM 2 nel centro a destra	FT2-LS-R-WIM2		4x2x0,8	A2YF(L)2Y	FT2-I / KS9 / KS11 / LS (-2007-)
2008	FT2-I	LS FT2 WIM 2 nel centro a sinistra	FT2-LS-L-WIM2		4x2x0,8	A2YF(L)2Y	FT2-I / KS9 / LS (-2008-)
2009	FT2-I	LS FT2 WIM 3 a destra	FT2-LS-R-WIM3		4x2x0,8	A2YF(L)2Y	FT2-I / KS9 / LS (-2009-)
2010	FT2-I	LS FT2 WIM 3 a sinistra	FT2-LS-L-WIM3		4x2x0,8	A2YF(L)2Y	FT2-I / KS9 / LS (-2010-)
2011	FT2-I	Visualizzatore FT2 WIM /1	FT2-A-WIM1		3x2,5	FG16OR16	FT2-I / KS9 / KS8 / A (-2011-)
2012	FT2-I	Visualizzatore FT2 WIM /2	FT2-A-WIM1		3x2,5	FG16OR16	FT2-I / KS9 / KS8 / A (-2012-)
2013	FT2-I	Visualizzatore FT2 Messl.	FT2-A-WIM1		4x2x0,8	A2YF(L)2Y	FT2-I / KS9 / KS8 / A (-2013-)
2014	FT2-I	FT4-UV	FT4-UV		4G50/125	A-DQ(ZN)B2Y	FT2-I / KS9 / KS8 / KS6 / KS10 / KS12 / KS13 / KS14 / FT4-UV
2015	FT2-I	VW LWL	Geb-PLS		4G50/125	A-DQ(ZN)B2Y	FT2-I / KS9 / KS8 / KS5 / KS4 / KS3 / KS2 / KS1 / Gebaude
2016	FT2-I	Video edif.amministrativo	Geb-VID		xxx		non necessario
501	FT5-UV	Tettoia FT5---40A	FT5-U	25,00	5x16	FG16OR16	FT5-UV / KS17 / FT5-U
502	FT5-UV	Istruttore FT5---25A	FT5-I	12,00	5x10	FG16OR16	FT5-UV / KS17 / FT5-I
503	FT5-UV	FT5 Palo luce 1	FT5-LM1	1,00	5x6	FG16OR16	FT5-UV / KS17 / FT5-LM1
504	FT5-UV	FT5Palo luce 2	FT5-LM2	1,00	5x6	FG16OR16	FT5-UV / KS17 / KS18 / FT5-LM2
505	FT5-LM2	FT5 Palo luce 3	FT5-LM3	2,00	5x6	FG16OR16	FT5-LM2 / KS18 / KS19 / FT5-LM3
506	FT5-UV	WHR1 FT5 P1	FT5-WHR1-P1	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / FT5-WHR1
507	FT5-UV	WHR1 FT5 P2	FT5-WHR1-P2	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / FT5-WHR1
508	FT5-UV	WHR1 FT5 P3	FT5-WHR1-P3	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / FT5-WHR1
509	FT5-UV	WHR1 FT5 P4	FT5-WHR1-P4	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / FT5-WHR1
510	FT5-UV	WHR1 FT5 P5	FT5-WHR1-P5	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / FT5-WHR1
511	FT5-UV	WHR1 FT5 P6	FT5-WHR1-P6	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / FT5-WHR1
512	FT5-UV	WHR1 FT5 P7	FT5-WHR1-P7	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / FT5-WHR1
513	FT5-UV	WHR1 FT5 P8	FT5-WHR1-P8	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / FT5-WHR1
514	FT5-UV	WHR1 FT5 P9 Canalina	FT5-WHR1-P9	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / FT5-WHR1
515	FT5-UV	WHR1 Livello	FT5-WHR1-N		4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / FT5-WHR1
516	FT5-UV	WHR2 FT5 P1	FT5-WHR2-P1	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / KS19 / FT5-WHR2
517	FT5-UV	WHR2 FT5 P2	FT5-WHR2-P2	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / KS19 / FT5-WHR2
518	FT5-UV	WHR2 FT5 P3	FT5-WHR2-P3	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / KS19 / FT5-WHR2
519	FT5-UV	WHR2 FT5 P4	FT5-WHR2-P4	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / KS19 / FT5-WHR2
520	FT5-UV	WHR2 FT5 P5	FT5-WHR2-P5	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / KS19 / FT5-WHR2
521	FT5-UV	WHR2 FT5 P6	FT5-WHR2-P6	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / KS19 / FT5-WHR2
522	FT5-UV	WHR2 FT5 P7	FT5-WHR2-P7	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / KS19 / FT5-WHR2
523	FT5-UV	WHR2 FT5 P8	FT5-WHR2-P8	1,20	4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / KS19 / FT5-WHR2
524	FT5-UV	WHR2 Livello	FT5-WHR2-N		4x2,5	FG16OR16	FT5-UV / KS17 / KS18 / KS19 / FT5-WHR2
525	FT5-UV	Instr.FT5 LWL	FT5-I		4G50/125	A-DQ(ZN)B2Y	FT5-UV / KS17 / FT5-I
		<b>Potenza (massima)</b>		<b>61,40</b>			
5001	FT5-I	LS FT5 SHE 1 ins. a destra	FT5-LS-R-SHE1		4x2x0,8	A2YF(L)2Y	FT5-I / KS17 / LS (-5001-)
5002	FT5-I	LS FT5 SHE 1 ins. a sinistra	FT5-LS-L-SHE1		4x2x0,8	A2YF(L)2Y	FT5-I / KS17 / LS (-5002-)
5003	FT5-I	LS FT5 WIM 1 ins. a destra	FT5-LS-R-WIM1		4x2x0,8	A2YF(L)2Y	FT5-I / KS17 / LS (-5003-)
5004	FT5-I	LS FT5 WIM 1 ins. a sinistra	FT5-LS-L-WIM1		4x2x0,8	A2YF(L)2Y	FT5-I / KS17 / LS (-5004-)
5005	FT5-I	LS FT5 WIM 2 nel centro a destra	FT5-LS-R-WIM2		4x2x0,8	A2YF(L)2Y	FT5-I / KS17 / KS18 / LS (-5005-)
5006	FT5-I	LS FT5 WIM 2 nel centro a sinistra	FT5-LS-L-WIM2		4x2x0,8	A2YF(L)2Y	FT5-I / KS17 / KS18 / LS (-5006-)
5007	FT5-I	LS FT5 WIM 3 a destra	FT5-LS-R-WIM3		4x2x0,8	A2YF(L)2Y	FT5-I / KS17 / KS18 / KS19 / LS (-5007-)
5008	FT5-I	LS FT5 WIM 3 a sinistra	FT5-LS-L-WIM3		4x2x0,8	A2YF(L)2Y	FT5-I / KS17 / KS18 / KS19 / LS (-5008-)
5009	FT5-I	Visualizzatore FT5 WIM /1	FT5-A-WIM1		3x2,5	FG16OR16	FT5-I / KS17 / KS18 / KS19 / LS (-5009-)
5010	FT5-I	Visualizzatore FT5 WIM /2	FT5-A-WIM1		3x2,5	FG16OR16	FT5-I / KS17 / KS18 / KS19 / LS (-5010-)
5011	FT5-I	Visualizzatore FT5 Messl.	FT5-A-WIM1		4x2x0,8	A2YF(L)2Y	FT5-I / KS17 / KS18 / KS19 / LS (-5011-)
5012	FT5-I	VW LWL	Geb-PLS		4G50/125	A-DQ(ZN)B2Y	FT5-I / KS17 / KS16 / KS15 / KS14 / KS13 / KS12 / KS10 / KS6 / KS8 / KS5 / KS4 / KS3 / KS2 / KS1 / Gebaude
5013	FT5-I	VW LWL	Geb-PLS		4G50/125	A-DQ(ZN)B2Y	FT5-I / KS17 / KS16 / KS15 / KS14 / KS13 / KS12 / KS10 / KS6 / KS8 / KS5 / KS4 / KS3 / KS2 / KS1 / Gebaude
5014	FT5-I	Video edif.amministrativo	Geb-VID		xxx		non necessario
401	FT4-UV	Tettoia FT4---40A	FT4-U	25,00	5x16	FG16OR16	FT4-UV / KS14 / KS13 / FT4-U
402	FT4-UV	Istruttore FT4---25A	FT4-I	12,00	5x10	FG16OR16	FT4-UV / KS14 / KS13 / FT4-U
403	FT4-UV	FT4 Lichtmast 1	FT4-LM1	1,00	5x6	FG16OR16	FT4-UV / KS14 / KS13 / FT4-LM1
404	FT4-UV	FT4 Lichtmast 2	FT4-LM2	1,00	5x6	FG16OR16	FT4-UV / KS14 / KS13 / KS12 / FT4-LM2
405	FT4-LM2	FT4 Lichtmast 3	FT4-LM3	2,00	5x6	FG16OR16	FT4-LM2 / KS12 / KS10 / FT4-LM3
406	FT4-UV	WRH1 FT4 P1	FT4-WHR1-P1	1,20	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-WHR1
407	FT4-UV	WRH1 FT4 P2	FT4-WHR1-P2	1,20	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-WHR1
408	FT4-UV	WRH1 FT4 P3	FT4-WHR1-P3	1,20	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-WHR1
409	FT4-UV	WRH1 FT4 P4	FT4-WHR1-P4	1,20	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-WHR1
410	FT4-UV	WRH1 Livello	FT4-WHR1-N		4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-WHR1
411	FT4-UV	WRH2 FT4 P1	FT4-WHR2-P1	1,20	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / KS12 / FT4-WHR2
412	FT4-UV	WRH2 FT4 P2	FT4-WHR2-P2	1,20	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / KS12 / FT4-WHR2
413	FT4-UV	WRH2 FT4 P3	FT4-WHR2-P3	1,20	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / KS12 / FT4-WHR2
414	FT4-UV	WRH2 FT4 P4	FT4-WHR2-P4	1,20	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / KS12 / FT4-WHR2
415	FT4-UV	WRH2 Livello	FT4-WHR2-N		4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / KS12 / FT4-WHR2
416	FT4-UV	ES1 - SK7 / 7.1-	FT4-ES1	0,60	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK7
417	FT4-UV	ES1 - SK7 / 7.1-	FT4-ES1		12x1,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK7
418	FT4-UV	ES2 - SK8 / 8.1-	FT4-ES2	0,60	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK8
419	FT4-UV	ES2 - SK8 / 8.1-	FT4-ES2		12x1,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK8

420	FT4-UV	ES3 - SK8 / 8.2-	FT4-ES3	0,60	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK8
421	FT4-UV	ES3 - SK8 / 8.2-	FT4-ES3		12x1,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK8
422	FT4-UV	ES4 - SK8 / 8.3-	FT4-ES4	0,60	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK8
423	FT4-UV	ES4 - SK8 / 8.3-	FT4-ES4		12x1,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK8
424	FT4-UV	ES5 - SK9 / 9.1-	FT4-ES5	0,60	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK9
425	FT4-UV	ES5 - SK9 / 9.1-	FT4-ES5		12x1,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK9
426	FT4-UV	ES6 - SK9 / 9.2-	FT4-ES6	0,60	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK9
427	FT4-UV	ES6 - SK9 / 9.2-	FT4-ES6		12x1,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK9
428	FT4-UV	ES7 - SK9 / 9.3-	FT4-ES7	0,60	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK9
429	FT4-UV	ES7 - SK9 / 9.3-	FT4-ES7		12x1,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK9
430	FT4-UV	ES8 - SK10 / 10.1-	FT4-ES8	0,60	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK10
431	FT4-UV	ES8 - SK10 / 10.1-	FT4-ES8		12x1,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK10
432	FT4-UV	ES9 - SK10 / 10.2-	FT4-ES9	0,60	4x2,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK10
433	FT4-UV	ES9 - SK10 / 10.2-	FT4-ES9		12x1,5	FG16OR16	FT4-UV / KS14 / KS13 / FT4-SK10
434	FT4-UV	FT4 altezza pompa stazione	FT4-H1		2x2x0,8	A2YF(L)2Y	FT4-UV / FT4-Pompa stazione2
435	FT4-UV	Instr.FT4 LWL	FT4-I		4G50/125	A-DQ(ZN)B2Y	FT4-UV / KS14 / KS13 / FT4-I
436	FT4-UV	P1	FT4-BW-P1	7,50			
437	FT4-UV	P2	FT4-BW-P2	7,50			
438	FT4-UV	P3	FT4-BW-P3	5,50			
439	FT4-UV	P4	FT4-BW-P4	5,50			
440	FT4-UV	P5	FT4-BW-P5	8,50			
441	FT4-UV	P6	FT4-BW-P6	8,50			
442	FT4-UV	P7	FT4-BW-P7	12,00			
443	FT4-UV	P8	FT4-BW-P8	12,00			
444	FT4-UV	P9	FT4-BW-P9	5,50			
445	FT4-UV	P10	FT4-BW-P10	5,50			
446	FT4-UV	P11	FT4-BW-P11	7,50			
447	FT4-UV	P12	FT4-BW-P12	7,50			
		<b>Potenza (massima)</b>		<b>149,00</b>			
4001	FT4-J	LS FT4 SHE 1 ins. a destra	FT4-LS-R-SHE1		4x2x0,8	A2YF(L)2Y	FT4-I / LS (-4001-)
4002	FT4-J	LS FT4 SHE 1 ins. a sinistra	FT4-LS-L-SHE1		4x2x0,8	A2YF(L)2Y	FT4-I / LS (-4002-)
4003	FT4-J	LS FT4 WIM 1 ins. a destra	FT4-LS-R-WIM1		4x2x0,8	A2YF(L)2Y	FT4-I / KS13 / LS (-4003-)
4004	FT4-J	LS FT4 WIM 1 ins. a sinistra	FT4-LS-L-WIM1		4x2x0,8	A2YF(L)2Y	FT4-I / KS13 / LS (-4004-)
4005	FT4-J	LS FT4 WIM 2 nel centro a destra	FT4-LS-R-WIM2		4x2x0,8	A2YF(L)2Y	FT4-I / KS13 / KS12 / LS (-4005-)
4006	FT4-J	LS FT4 WIM 2 nel centro a sinistra	FT4-LS-L-WIM2		4x2x0,8	A2YF(L)2Y	FT4-I / KS13 / KS12 / LS (-4006-)
4007	FT4-J	Visualizzatore FT4 WIM /1	FT4-A-WIM1	3x2,5	FG16OR16		FT4-I / KS13 / KS12 / KS10 / LS (-4007-)
4008	FT4-J	Visualizzatore FT4 WIM /2	FT4-A-WIM1	3x2,5	FG16OR16		FT4-I / KS13 / KS12 / KS10 / LS (-4008-)
4009	FT4-J	Visualizzatore FT4 Messl.	FT4-A-WIM1	4x2x0,8	A2YF(L)2Y		FT4-I / KS13 / KS12 / KS10 / LS (-4009-)
4010	FT4-J	VV LWL	Geb-PLS	4G50/125	A-DQ(ZN)B2Y		FT4-I / KS13 / KS12 / KS10 / KS6 / KS8 / KS5 / KS4 / KS3 / KS2 / KS1 / Gebäude
4011	FT4-J	FT5-UV	FT5-UV	4G50/125	A-DQ(ZN)B2Y		FT4-I / KS13 / KS14 / KS15 / KS16 / KS17 / FT5-UV
4012	FT4-J	Video edif.amministrativo	Geb-VID		xxx		non necessario

	= linee di controllo - alimentazione
	= Video
	= PLS
	= SPS
	= linee alimentazione pompe

**Note:**

Tutti i componenti devono essere integrati nella rete di messa a terra, come ad esempio: stazione trafo, edificio centrale, sottodistribuzioni, torre istruttore, piattaforma, pali luce, righe ostacolo d'acqua, indicatori di velocità, fotocellule, ecc.