



Finanziato
dall'Unione europea
NextGenerationEU



Ministero dell'Istruzione



Italiadomani

PIANO NAZIONALE DI RIPRESA E RESILIENZA

FUTURA

**LA SCUOLA
PER L'ITALIA DI DOMANI**

PIANO NAZIONALE DI RIPRESA E RESILIENZA (PNRR)

MISSIONE 4: Istruzione e ricerca

COMPONENTE 1: Potenziamento dell'offerta dei servizi di istruzione: dagli asili nido alle università

INVESTIMENTO 1.1: Piano per asili nido e scuole dell'infanzia e servizi di educazione e cura per la prima infanzia

REALIZZAZIONE DI UN POLO PER L'INFANZIA - NUOVA SCUOLA DELL'INFANZIA

CUP G45E22000070006 - CIG 9688378E6F

COMMITTENTE:

COMUNE DI VARALLO POMBIA

SINDACO: **Joshua Carlomagno**

RUP: **Geom. Ferrario Massimiliano**



PROGETTISTA:

3TI PROGETTI ITALIA-INGEGNERIA INTEGRATA S.p.A.

Via delle Sette Chiese n.142 - Roma

C.F e P.IVA n° 07025291001



Ing. Alfredo Ingletti - Iscritto all'ordine degli Ingegneri di Roma n. 16300

IMPRESA ESECUTRICE:

NEOCOS S.r.l

Via Gozzano n.66/68 - Borgomanero (NO)

P.IVA n° 01128640032



PROGETTO ESECUTIVO

Descrizione elaborato:

PROGETTO IMPIANTISTICO - IMPIANTI ELETTRICI E SPECIALI

ELABORATI GRAFICI

Schemi unifilari

Data:
Ottobre 2023

Scala:
-

Codice elaborato:
NSI.PE.ELE.EG.SF.001

Revisione:
A.02

09/11/2023

DATA:

A

B

C

D

E

F

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7

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IDENTIFICAZIONE QUADRO

Codice:

QGBT

Denominazione quadro:

QUADRO GENERALE

Alimentazione

PROTEZIONE A VALLE FORNITURA

SOMMARIO

01) Schemi unifilari

02) Fronte quadro

NOTA:

TITOLO

CODICE

PREFISSO

QUADRO GENERALE

QGBT

QGBT

COMMITTENTE

FILE

U_QGBT_00001

FOGLIO 1

SEGUE 2

ELAB.

CONTR.

APPR.

DISEGNO

COMMESSA

	1	2	3	4	5	6	7	8	
A									A
B									B
C									C
D									D
E									E
F									F

NOTA:

TITOLO

QUADRO GENERALE

Schema Unifilare

CODICE

PREFIXO

COMMITTENTE

FILE

U_QGBT_00002

ELAB.

DISEGNO

FOGLIO

2

SEGUE

3

CONTR.

APPR.

COMMESSA

SCHEMI UNIFILARI

Nelle pagine seguenti sono riportati gli schemi unifilari dei quadri elettrici presenti nell'impianto

	1	2	3	4	5	6	7	8	
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SCHEMI UNIFILARI

Nelle pagine seguenti sono riportati gli schemi unifilari dei quadri elettrici presenti nell'impianto

09/11/2023
DATA:

1

2

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4

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6

7

8

Da Quadro

PROTEZIONE A VALLE FORNITURA

Partenza:

Cavo [mm²]: 1(4x16)+(1PE16)

Lunghezza [m]: 20

Tensione [V]: 400

Frequenza [Hz]: 50

Polarità: Quadripolare

Tipo morsetto:

Numerazione morsetto:

	1	2	3	4	5	6	7	8	
A									A
B									B
C									C
D									D
E									E
F									F

NOTA:

TITOLO

QUADRO GENERALE

Schema fronte quadro

CODICE

PREFISSO

COMMITTENTE

FILE

U_QGBT_00007

ELAB.

CONTR.

DISEGNO

FOGLIO I

7

SEGUE

8

APPR.

COMMESSA

FRONTE QUADRO

Nelle pagine seguenti sono riportati i disegni dei Fronti Quadro

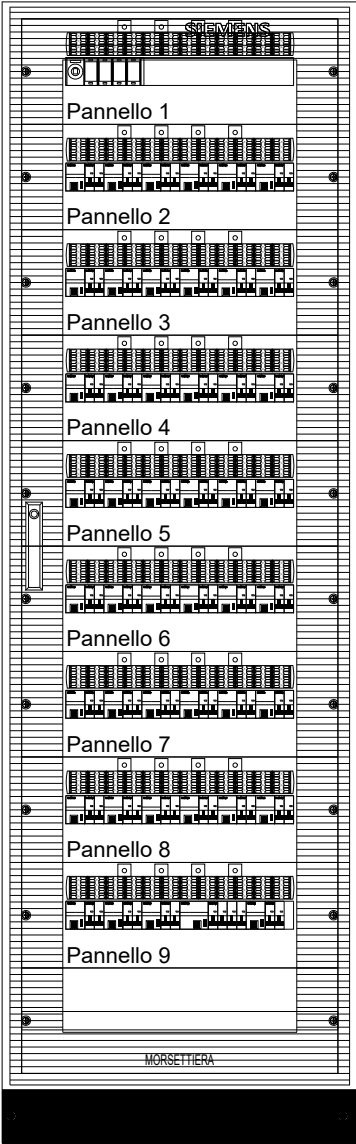
1	2	3	4	5	6	7	8
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FRONTE QUADRO

Nelle pagine seguenti sono riportati i disegni dei Fronti Quadro

09/11/2023 DATA:	A	Struttura C.01 - Pannello 1 Pos. 1 - Generale (8,2 U.M.) Riserva - 15,8 U.M.		Pos. 6 - 15 (2,0 U.M.) Pos. 7 - 16 (2,0 U.M.) Pos. 8 - 16 (2,0 U.M.) Pos. 9 - 17 (2,0 U.M.) Pos. 10 - 17 (2,0 U.M.) Pos. 11 - 18 (2,0 U.M.) Pos. 12 - 18 (2,0 U.M.) Riserva - 0,0 U.M.		Pos. 1 - 32 (2,0 U.M.) Pos. 2 - 32 (2,0 U.M.) Pos. 3 - 33 (2,0 U.M.) Pos. 4 - 33 (2,0 U.M.) Pos. 5 - 34 (2,0 U.M.) Pos. 6 - 34 (2,0 U.M.) Pos. 7 - 35 (2,0 U.M.) Pos. 8 - 35 (2,0 U.M.) Pos. 9 - 36 (2,0 U.M.) Pos. 10 - 36 (2,0 U.M.) Pos. 11 - 37 (2,0 U.M.) Pos. 12 - 37 (2,0 U.M.) Riserva - 0,0 U.M.		C.01 F 1		
		Struttura C.01 - Pannello 2 Pos. 1 - 1 (2,0 U.M.) Pos. 2 - 1 (2,0 U.M.) Pos. 3 - 2 (2,0 U.M.) Pos. 4 - 2 (2,0 U.M.) Pos. 5 - 3 (2,0 U.M.) Pos. 6 - 3 (2,0 U.M.) Pos. 7 - 4 (2,0 U.M.) Pos. 8 - 4 (2,0 U.M.) Pos. 9 - 5 (2,0 U.M.) Pos. 10 - 5 (2,0 U.M.) Pos. 11 - 6 (2,0 U.M.) Pos. 12 - 6 (2,0 U.M.) Riserva - 0,0 U.M.		Struttura C.01 - Pannello 5 Pos. 1 - 19 (2,0 U.M.) Pos. 2 - 19 (2,0 U.M.) Pos. 3 - 20 (2,0 U.M.) Pos. 4 - 20 (2,0 U.M.) Pos. 5 - 22 (2,0 U.M.) Pos. 6 - 22 (2,0 U.M.) Pos. 7 - 23 (2,0 U.M.) Pos. 8 - 23 (2,0 U.M.) Pos. 9 - 24 (2,0 U.M.) Pos. 10 - 24 (2,0 U.M.) Pos. 11 - 25 (2,0 U.M.) Pos. 12 - 25 (2,0 U.M.) Riserva - 0,0 U.M.						
	B	Struttura C.01 - Pannello 3 Pos. 1 - 7 (2,0 U.M.) Pos. 2 - 7 (2,0 U.M.) Pos. 3 - 8 (2,0 U.M.) Pos. 4 - 8 (2,0 U.M.) Pos. 5 - 9 (2,0 U.M.) Pos. 6 - 9 (2,0 U.M.) Pos. 7 - 10 (2,0 U.M.) Pos. 8 - 10 (2,0 U.M.) Pos. 9 - 11 (2,0 U.M.) Pos. 10 - 11 (2,0 U.M.) Pos. 11 - 12 (2,0 U.M.) Pos. 12 - 12 (2,0 U.M.) Riserva - 0,0 U.M.		Struttura C.01 - Pannello 8 Pos. 1 - 38 (2,0 U.M.) Pos. 2 - 38 (2,0 U.M.) Pos. 3 - 39 (2,0 U.M.) Pos. 4 - 39 (2,0 U.M.) Pos. 5 - 40 (2,0 U.M.) Pos. 6 - 40 (2,0 U.M.) Pos. 7 - 41 (2,0 U.M.) Pos. 8 - 41 (2,0 U.M.) Pos. 9 - 42 (2,0 U.M.) Pos. 10 - 42 (2,0 U.M.) Pos. 11 - 43 (2,0 U.M.) Pos. 12 - 43 (2,0 U.M.) Riserva - 0,0 U.M.						
		Struttura C.01 - Pannello 4 Pos. 1 - 13 (2,0 U.M.) Pos. 2 - 13 (2,0 U.M.) Pos. 3 - 14 (2,0 U.M.) Pos. 4 - 14 (2,0 U.M.) Pos. 5 - 15 (2,0 U.M.)		Struttura C.01 - Pannello 9 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.						
	C	Struttura C.01 - Pannello 6 Pos. 1 - 26 (2,0 U.M.) Pos. 2 - 26 (2,0 U.M.) Pos. 3 - 27 (2,0 U.M.) Pos. 4 - 27 (2,0 U.M.) Pos. 5 - 28 (2,0 U.M.) Pos. 6 - 28 (2,0 U.M.) Pos. 7 - 29 (2,0 U.M.) Pos. 8 - 29 (2,0 U.M.) Pos. 9 - 30 (2,0 U.M.) Pos. 10 - 30 (2,0 U.M.) Pos. 11 - 31 (2,0 U.M.) Pos. 12 - 31 (2,0 U.M.) Riserva - 0,0 U.M.		Struttura C.01 - Pannello 7 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.						
		Struttura C.01 - Pannello 9 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.		Struttura C.01 - Pannello 10 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.						
	D	Struttura C.01 - Pannello 11 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.		Struttura C.01 - Pannello 12 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.						
		Struttura C.01 - Pannello 13 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.		Struttura C.01 - Pannello 14 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.						
	E	Struttura C.01 - Pannello 15 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.		Struttura C.01 - Pannello 16 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.						
		Struttura C.01 - Pannello 17 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.		Struttura C.01 - Pannello 18 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.						
F	Struttura C.01 - Pannello 19 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.		Struttura C.01 - Pannello 20 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.							
	Struttura C.01 - Pannello 21 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.		Struttura C.01 - Pannello 22 Pos. 1 - 44 (2,0 U.M.) Pos. 2 - 44 (2,0 U.M.) Pos. 3 - 45 (2,0 U.M.) Pos. 4 - 45 (2,0 U.M.) Pos. 5 - 46 (2,0 U.M.) Pos. 6 - 46 (2,0 U.M.) Pos. 7 - 47 (3,0 U.M.) Pos. 8 - 47 (4,0 U.M.) Pos. 9 - 46 (2,0 U.M.) Pos. 10 - 46 (2,0 U.M.) Riserva - 1,0 U.M.							

C.01
F 1



09/11/2023 DATA:	1	2	3	4	5	6	7	8		
	A									A
	B									B
	C									C
	D									D
	E									E
F	<div>NOTA:</div> <div><div><div>TITOLO</div><div>QUADRO GENERALE</div><div>Schema fronte quadro</div></div><div><div>CODICE</div><div>QGBT</div><div>PREFISSO</div><div>QGBT</div></div><div></div><div><div>COMMITTENTE</div><div></div></div><div><div>FILE</div><div>U_QGBT_00009</div><div>FOGLIO SEGUE</div><div>9 -</div></div><div><div>ELAB.</div><div></div><div>CONTR.</div><div></div><div>APPR.</div><div></div></div><div><div>DISEGNO</div><div></div><div>COMMESSA</div><div></div></div></div>								F	
	1	2	3	4	5	6	7	8		

TOTALE CAMPO FOTOVOLTAICO
N° 125 MODULI FUTURASUN FU400 M SILK

