



STUDIO AGNELLI

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**ASL CN2 Alba-Bra
Strada Valle Tanaro 7 – VERDUNO (CN)**

**CASA DELLA SALUTE ALBA (CN)
CENTRO OPERATIVO TERRITORIALE
UFFICI SECONDO PIANO**

VERIFICA COORDINAMENTO CAVI-PROTEZIONI

Il progettista: Giovanni per.ind. MOLINO



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Documento n° **Vx292-02**

Commessa **23 292**

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|---|---------------------|-------|----------|-------------------------------|-------------------------------------|---------------|----------------|--------|------------|--|------------------------|---|-------------------------------|--|-------------------------------|---|-------------------------------|--|----------------|----------------|--------------------------------------|--------------------|----|
| Quadro: QP2 | | | | | Tavola: 23-292-02 | | | | | Impianto: Progetto Impianto Elettrico | | | | | | | | | | | | | |
| Sigla Arrivo: 0 | | | | | Cliente: ASL CN2 Alba-Bra | | | | | Descrizione Quadro: Quadro piano secondo | | | | | | | | | | | | | |
| Sistema di distribuzione: TN-S | | | | | Resistenza di terra: 10 [Ω] | | | | | C.d.t. % Max ammessa: 4 % | | | | Icc di barratura: 3,505 [kA] | | | | Tensione: 20 000/400 [V] | | | | | |
| Circuito | | | | | Apparecchiatura | | | | | Corto circuito | | | | | | | | Sovraccarico | | | Test | | |
| Lunghezza ≤ Lunghezza max C.d.t. % con I _b ≤ C.d.t. max | | | | | | | | | | Icc max ≤ P.d.I. | | | | I ² t ≤ K ² S ² | | | | I _b ≤ I _n ≤ I _z | | | I _r ≤ 1,45 I _z | | |
| | | | | | | | | | | | | | | FASE | | NEUTRO | | | | | | | |
| Sigla utenza | Sezione | L | L max | C.d.t.% con I _b | Tipo | Distribuzione | I _d | P.d.I. | Icc max | I di Int. Prot. | I gt Fondo Linea | I ² t max Inizio Linea | K ² S ² | I ² t max Inizio Linea | K ² S ² | I ² t max Inizio Linea | K ² S ² | I _b | I _n | I _z | I _r | 1,45I _z | |
| | [mm ²] | [m] | [m] | [%] | | | [A] | [kA] | [kA] | [A] | [A] | [A ² S] | [A ² S] | [A ² S] | [A ² S] | [A ² S] | [A ² S] | [A] | [A] | [A] | [A] | [A] | |
| 0 | --- | --- | --- | 1,45 | SD204/63 | Quadripolare | 1 | 0 | 3,51 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 50 | 63 | --- | 82 | --- | SI |
| 1 | --- | --- | --- | 1,45 | --- | Quadripolare | 1 | --- | 3,51 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 0 | 63 | --- | 82 | --- | SI |
| 2 | --- | --- | --- | 1,45 | DS201 M C6 A30 | Monofase L1+N | 0,03 - Cl. A | 15 | 1,83 | 0,03 | 611 | --- | --- | --- | --- | --- | --- | 0 | 6 | --- | 7,8 | --- | SI |
| 3 | --- | --- | --- | 1,45 | --- | Monofase L1+N | 1 | --- | 1,83 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 0 | 63 | --- | 82 | --- | SI |
| 4 | --- | --- | --- | 1,45 | --- | Monofase L1+N | 1 | --- | 1,83 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 0 | 63 | --- | 82 | --- | SI |
| 5 | --- | --- | --- | 1,45 | --- | Monofase L1+N | 1 | --- | 1,83 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 0 | 63 | --- | 82 | --- | SI |
| 6 | --- | --- | --- | 1,45 | --- | Monofase L1+N | 1 | --- | 1,83 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 0 | 63 | --- | 82 | --- | SI |
| 7 | --- | --- | --- | 1,45 | --- | Monofase L1+N | 1 | --- | 1,83 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 0 | 63 | --- | 82 | --- | SI |
| 8 | --- | --- | --- | 1,45 | --- | Monofase L1+N | 1 | --- | 1,83 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 0 | 63 | --- | 82 | --- | SI |

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|---|---------------------|-------|----------|-------------------------------|-------------------------------------|---------------|----------------|--------|------------|--|------------------------|---|-------------------------------|--|-------------------------------|---|-------------------------------|--|----------------|----------------|--------------------------------------|--------------------|----|
| Quadro: QP2 | | | | | Tavola: 23-292-02 | | | | | Impianto: Progetto Impianto Elettrico | | | | | | | | | | | | | |
| Sigla Arrivo: 0 | | | | | Cliente: ASL CN2 Alba-Bra | | | | | Descrizione Quadro: Quadro piano secondo | | | | | | | | | | | | | |
| Sistema di distribuzione: TN-S | | | | | Resistenza di terra: 10 [Ω] | | | | | C.d.t. % Max ammessa: 4 % | | | | Icc di barratura: 3,505 [kA] | | | | Tensione: 20 000/400 [V] | | | | | |
| Circuito | | | | | Apparecchiatura | | | | | Corto circuito | | | | | | | | Sovraccarico | | | Test | | |
| Lunghezza ≤ Lunghezza max C.d.t. % con I _b ≤ C.d.t. max | | | | | | | | | | Icc max ≤ P.d.I. | | | | I ² t ≤ K ² S ² | | | | I _b ≤ I _n ≤ I _z | | | I _r ≤ 1,45 I _z | | |
| | | | | | | | | | | | | | | FASE | | NEUTRO | | | | | | | |
| Sigla utenza | Sezione | L | L max | C.d.t.% con I _b | Tipo | Distribuzione | I _d | P.d.I. | Icc max | I di Int. Prot. | I gt Fondo Linea | I ² t max Inizio Linea | K ² S ² | I ² t max Inizio Linea | K ² S ² | I ² t max Inizio Linea | K ² S ² | I _b | I _n | I _z | I _r | 1,45I _z | |
| | [mm ²] | [m] | [m] | [%] | | | [A] | [kA] | [kA] | [A] | [A] | [A ² S] | [A ² S] | [A ² S] | [A ² S] | [A ² S] | [A ² S] | [A] | [A] | [A] | [A] | [A] | |
| 9 | --- | --- | --- | 1,45 | --- | Monofase L1+N | 1 | --- | 1,83 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 0 | 63 | --- | 82 | --- | SI |
| 10 | --- | --- | --- | 1,46 | S204+DDA204 A | Quadripolare | 0,3 - Cl. A | 10 | 3,51 | 0,3 | 1 064 | --- | --- | --- | --- | --- | --- | 3,646 | 16 | --- | 21 | --- | SI |
| 11 | 1(3G2,5) | 30 | 159 | 1,96 | SN201 L | Monofase L1+N | 0,3 | 6 | 1,7 | 0,3 | 234 | 2 506 | 82 656 | 2 102 | 82 656 | 2 506 | 82 656 | 2,279 | 10 | 20 | 13 | 29 | SI |
| 12 | 1(3G2,5) | 30 | 159 | 1,96 | SN201 L | Monofase L2+N | 0,3 | 6 | 1,7 | 0,3 | 234 | 2 506 | 82 656 | 2 102 | 82 656 | 2 506 | 82 656 | 2,279 | 10 | 20 | 13 | 29 | SI |
| 13 | 1(3G2,5) | 30 | 159 | 1,96 | SN201 L | Monofase L3+N | 0,3 | 6 | 1,7 | 0,3 | 234 | 2 506 | 82 656 | 2 102 | 82 656 | 2 506 | 82 656 | 2,279 | 10 | 20 | 13 | 29 | SI |
| 14 | 1(3G2,5) | 30 | 266 | 1,76 | SN201 L | Monofase L1+N | 0,3 | 6 | 1,7 | 0,3 | 234 | 2 506 | 82 656 | 2 102 | 82 656 | 2 506 | 82 656 | 1,367 | 10 | 20 | 13 | 29 | SI |
| 15 | 1(3G1,5) | 20 | 18 380 | 1,46 | SN201 L | Monofase L2+N | 0,3 | 6 | 1,7 | 0,3 | 209 | 1 884 | 29 756 | 1 404 | 29 756 | 1 884 | 29 756 | 0 | 6 | 14 | 7,8 | 21 | SI |
| 16 | --- | --- | --- | 1,45 | --- | Quadripolare | 1 | --- | 3,51 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 0 | 63 | --- | 82 | --- | SI |
| 17 | --- | --- | --- | 1,45 | --- | Quadripolare | 1 | --- | 3,51 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 0 | 63 | --- | 82 | --- | SI |

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|---|---------------------|-------|----------|-------------------------------|-------------------------------------|---------------|----------------|--------|------------|--|------------------------|---|-------------------------------|--|-------------------------------|---|-------------------------------|--|----------------|----------------|--------------------------------------|--------------------|----|
| Quadro: QP2 | | | | | Tavola: 23-292-02 | | | | | Impianto: Progetto Impianto Elettrico | | | | | | | | | | | | | |
| Sigla Arrivo: 0 | | | | | Cliente: ASL CN2 Alba-Bra | | | | | Descrizione Quadro: Quadro piano secondo | | | | | | | | | | | | | |
| Sistema di distribuzione: TN-S | | | | | Resistenza di terra: 10 [Ω] | | | | | C.d.t. % Max ammessa: 4 % | | | | Icc di barratura: 3,505 [kA] | | | | Tensione: 20 000/400 [V] | | | | | |
| Circuito | | | | | Apparecchiatura | | | | | Corto circuito | | | | | | | | Sovraccarico | | | Test | | |
| Lunghezza ≤ Lunghezza max C.d.t. % con I _b ≤ C.d.t. max | | | | | | | | | | Icc max ≤ P.d.I. | | | | I ² t ≤ K ² S ² | | | | I _b ≤ I _n ≤ I _z | | | I _r ≤ 1,45 I _z | | |
| | | | | | | | | | | | | | | FASE | | NEUTRO | | | | | | | |
| Sigla utenza | Sezione | L | L max | C.d.t.% con I _b | Tipo | Distribuzione | I _d | P.d.I. | Icc max | I di Int. Prot. | I gt Fondo Linea | I ² t max Inizio Linea | K ² S ² | I ² t max Inizio Linea | K ² S ² | I ² t max Inizio Linea | K ² S ² | I _b | I _n | I _z | I _r | 1,45I _z | |
| | [mm ²] | [m] | [m] | [%] | | | [A] | [kA] | [kA] | [A] | [A] | [A ² S] | [A ² S] | [A ² S] | [A ² S] | [A ² S] | [A ² S] | [A] | [A] | [A] | [A] | [A] | |
| 18 | --- | --- | --- | 1,45 | --- | Quadripolare | 1 | --- | 3,51 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 0 | 63 | --- | 82 | --- | SI |
| 19 | 1(3G4) | 30 | 258 | 1,76 | DS201 L C16 A30 | Monofase L1+N | 0,03 - Cl. A | 6 | 1,83 | 0,03 | 337 | 4 379 | 211 600 | 4 193 | 211 600 | 4 379 | 211 600 | 2,279 | 16 | 26 | 21 | 38 | SI |
| 20 | 1(3G4) | 30 | 62 | 2,73 | DS201 L C16 A30 | Monofase L2+N | 0,03 - Cl. A | 6 | 1,83 | 0,03 | 337 | 4 379 | 211 600 | 4 193 | 211 600 | 4 379 | 211 600 | 9,116 | 16 | 26 | 21 | 38 | SI |
| 21 | 1(3G4) | 30 | 258 | 1,76 | DS201 L C16 A30 | Monofase L3+N | 0,03 - Cl. A | 6 | 1,83 | 0,03 | 337 | 4 379 | 211 600 | 4 193 | 211 600 | 4 379 | 211 600 | 2,279 | 16 | 26 | 21 | 38 | SI |
| 22 | 1(3G4) | 30 | 128 | 2,08 | DS201 L C16 A30 | Monofase L1+N | 0,03 - Cl. A | 6 | 1,83 | 0,03 | 337 | 4 379 | 211 600 | 4 193 | 211 600 | 4 379 | 211 600 | 4,558 | 16 | 26 | 21 | 38 | SI |
| 23 | 1(3G4) | 30 | 128 | 2,08 | DS201 L C16 A30 | Monofase L2+N | 0,03 - Cl. A | 6 | 1,83 | 0,03 | 337 | 4 379 | 211 600 | 4 193 | 211 600 | 4 379 | 211 600 | 4,558 | 16 | 26 | 21 | 38 | SI |
| 24 | 1(3G4) | 30 | 263 | 1,76 | DS201 L C16 A30 | Monofase L3+N | 0,03 - Cl. A | 6 | 1,83 | 0,03 | 337 | 4 379 | 211 600 | 4 193 | 211 600 | 4 379 | 211 600 | 2,279 | 16 | 24 | 21 | 35 | SI |
| 25 | --- | --- | --- | 1,45 | --- | Quadripolare | 1 | --- | 3,51 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 0 | 63 | --- | 82 | --- | SI |
| 26 | --- | --- | --- | 1,45 | --- | Quadripolare | 1 | --- | 3,51 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 0 | 63 | --- | 82 | --- | SI |

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| Quadro: QP2 | | | | | Tavola: 23-292-02 | | | | | Impianto: Progetto Impianto Elettrico | | | | | | | | | | | | | |
| Sigla Arrivo: 0 | | | | | Cliente: ASL CN2 Alba-Bra | | | | | Descrizione Quadro: Quadro piano secondo | | | | | | | | | | | | | |
| Sistema di distribuzione: TN-S | | | | | Resistenza di terra: 10 [Ω] | | | | | C.d.t. % Max ammessa: 4 % | | | | Icc di barratura: 3,505 [kA] | | | | Tensione: 20 000/400 [V] | | | | | |
| Circuito | | | | | Apparecchiatura | | | | | Corto circuito | | | | | | | | Sovraccarico | | | Test | | |
| Lunghezza ≤ Lunghezza max C.d.t. % con I _b ≤ C.d.t. max | | | | | | | | | | Icc max ≤ P.d.I. | | | | I ² t ≤ K ² S ² | | | | I _b ≤ I _n ≤ I _z | | | I _r ≤ 1,45 I _z | | |
| | | | | | | | | | | | | | | FASE | | NEUTRO | | | | | | | |
| Sigla utenza | Sezione | L | L max | C.d.t.% con I _b | Tipo | Distribuzione | I _d | P.d.I. | Icc max | I di Int. Prot. | I gt Fondo Linea | I ² t max Inizio Linea | K ² S ² | I ² t max Inizio Linea | K ² S ² | I ² t max Inizio Linea | K ² S ² | I _b | I _n | I _z | I _r | 1,45I _z | |
| | [mm ²] | [m] | [m] | [%] | | | [A] | [kA] | [kA] | [A] | [A] | [A ² S] | [A ² S] | [A ² S] | [A ² S] | [A ² S] | [A ² S] | [A] | [A] | [A] | [A] | [A] | |
| 27 | --- | --- | --- | 1,45 | --- | Quadripolare | 1 | --- | 3,51 | 1 | 1 144 | --- | --- | --- | --- | --- | --- | 0 | 63 | --- | 82 | --- | SI |
| 28 | 1(3G2,5) | 2 | 163 | 1,5 | DS201 L C16 A30 | Monofase L2+N | 0,03 - Cl. A | 6 | 1,83 | 0,03 | 861 | 4 379 | 82 656 | 4 193 | 82 656 | 4 379 | 82 656 | 2,279 | 16 | 18 | 21 | 27 | SI |
| 29 | 1(3G1,5) | 2 | >99999 | 1,45 | DS201 M C6 A30 | Monofase L1+N | 0,03 - Cl. A | 15 | 1,83 | 0,03 | 500 | 1 437 | 29 756 | 1 397 | 29 756 | 1 437 | 29 756 | 0 | 6 | 13 | 7,8 | 19 | SI |
| 30 | 1(3G2,5) | 2 | 80 | 1,55 | DS201 L C16 A30 | Monofase L3+N | 0,03 - Cl. A | 6 | 1,83 | 0,03 | 861 | 4 379 | 82 656 | 4 193 | 82 656 | 4 379 | 82 656 | 4,558 | 16 | 18 | 21 | 27 | SI |
| 31 | 1(5G6) | 40 | 111 | 2,4 | S204+DDA204 A | Quadripolare | 0,3 - Cl. A | 10 | 3,51 | 0,3 | 369 | 13 301 | 736 164 | 5 761 | 736 164 | 6 248 | 736 164 | 16 | 25 | 36 | 33 | 53 | SI |
| 32 | 1(5G6) | 40 | 111 | 2,4 | S204+DDA204 A | Quadripolare | 0,3 - Cl. A | 10 | 3,51 | 0,3 | 369 | 13 301 | 736 164 | 5 761 | 736 164 | 6 248 | 736 164 | 16 | 25 | 36 | 33 | 53 | SI |
| | | | | | | | | | | | | | | | | | | | | | | | |
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