

NOTE GENERALI

- NOTE:**
1. GLI INTERRUTTORI DEI CIRCUITI A FASE SINGOLA DEVONO ESSERE DISTRIBUITI A INTERVALLI REGOLARI SULLE 3 FASI DEL PANNELLO DI CONTROLLO.
 2. SEPARAZIONE INTERNA. FORM 2 (EN60439-1)
 3. TERMINALI (MODULI I/O SENZI) PER I SEGNALI SCADA DEVONO ESSERE POSTI IN COMPARTIMENTI SEPARATI.
 4. CONFORMEMENTE ALLA NORMATIVA EN 60204-1, SAFETY OF MACHINERY-ELECTRICAL EQUIPMENT OF MACHINES - PART 1: GENERAL REQUIREMENTS, EQUIPMENT SHALL BE LOCATED IN SEPARATE COMPARTMENTS.

LEGENDA:

VEDI CG1000-P4ADPT-E200000000-01

ELABORATI DI RIFERIMENTO:

- CG1000-P4ADPT-E20E000000-01: SCHEMA GENERALE UNIFILARE MT 6kV.
- CG1000-P4ADPT-E20E000000-02: SCHEMA GENERALE UNIFILARE BT 400/230V TORRE SIGLA.
- CG1000-P4ADPT-E20E000000-03: SCHEMA GENERALE UNIFILARE BT 400/230V PONTE GRUPPO 1.
- CG1000-P4ADPT-E20E000000-04: BT 400/230V PONTE GRUPPO 2.
- CG1000-P4ADPT-E20E000000-05: SCHEMA GENERALE UNIFILARE BT 400/230V PONTE GRUPPO 3.
- CG1000-P4ADPT-E20E000000-06: SCHEMA GENERALE UNIFILARE BT 400/230V TORRE CALABRA.
- CG1000-P4ADPT-E20E000000-07: SCHEMA GENERALE UNIFILARE BT 400/230V TORRE CALABRA.
- CG1000-P4ADPT-E20E000000-09: SCHEMA GENERALE UNIFILARE BT 400/230V.
- BLOCCHI DI ACCORRAGGIO.
- CG1000-P1R0PT-M4G5000000-01: RELAZIONE DI CALCOLO.
- CG1000-P2SDPT-M2C3000000-00: SPECIFICHE PROGETTUALI - LAVORI MECCANICI ED ELETTRICI

NOTES:

1. THE SINGLE-PHASE CIRCUIT BREAKERS SHALL BE EVENLY DISTRIBUTED ON THE 3 PHASES OF THE SWITCHBOARD.
2. INTERNAL SEPARATION: FORM 2 (EN60439-1)
3. TERMINALS (REMOTE I/O MODULES) FOR SOLID SIGNALS SHALL BE LOCATED IN SEPARATE COMPARTMENTS.
4. ACCORDING TO EN 60204-1, SAFETY OF MACHINERY-ELECTRICAL EQUIPMENT OF MACHINES - PART 1: GENERAL REQUIREMENTS, EQUIPMENT SHALL BE LOCATED IN SEPARATE COMPARTMENTS.

LEGENDS:

SEE CG1000-P4ADPT-E200000000-02

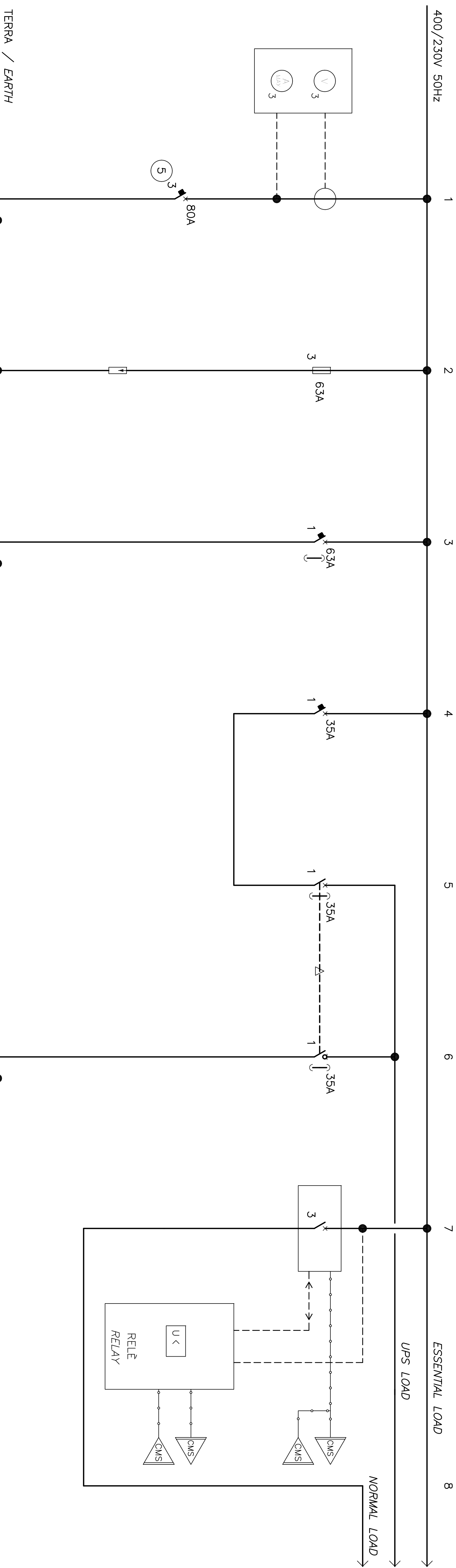
REFERENCES:

- CG1000-P4ADPT-E20E000000-01: POWER DISTRIBUTION GENERAL SINGLE LINE DIAGRAM 6kV.
- CG1000-P4ADPT-E20E000000-02: POWER DISTRIBUTION GENERAL SINGLE LINE DIAGRAM 400/230V TOWER SIGLA.
- CG1000-P4ADPT-E20E000000-03: POWER DISTRIBUTION GENERAL SINGLE LINE DIAGRAM 400/230V BRIDGE GROUP 1.
- CG1000-P4ADPT-E20E000000-04: POWER DISTRIBUTION GENERAL SINGLE LINE DIAGRAM 400/230V BRIDGE GROUP 2.
- CG1000-P4ADPT-E20E000000-05: POWER DISTRIBUTION GENERAL SINGLE LINE DIAGRAM 400/230V BRIDGE GROUP 3.
- CG1000-P4ADPT-E20E000000-06: POWER DISTRIBUTION GENERAL SINGLE LINE DIAGRAM 400/230V BRIDGE GROUP 4.
- CG1000-P4ADPT-E20E000000-07: POWER DISTRIBUTION GENERAL SINGLE LINE DIAGRAM 400/230V TOWER CALABRIA.
- CG1000-P4ADPT-E20E000000-09: POWER DISTRIBUTION GENERAL SINGLE LINE DIAGRAM 400/230V ANCHOR BLOCK.
- CG1000-P3ADPT-E20E000000-06: CALCULATION REPORT.
- CG1000-P1R0PT-M4G5000000-01: CALCULATION REPORT.
- CG1000-P2SDPT-M2C3000000-06: DESIGN SPECIFICATION - MECHANICAL AND ELECTRICAL

UN GIUSTO DELL'ALIMENTAZIONE NORMALE (0-VOLTAGE ON ESSENTIAL AND NORMAL LOAD BUSBARS) WILL TRIP THE UNDERVOLTAGE RELAY UK AND DISCONNECT THE NORMAL LOAD BUSBAR AND ONLY ESSENTIAL AND NORMAL LOADS WILL BE POWERED WHEN ESSENTIAL POWER SUPPLY (GENERATORS) ARE ESTABLISHED WHEN THE NORMAL LOADS ARE RESTARTED. THE NORMAL BREAKER CHIUSSO DAL CMS E TUTTI I CARICHI ELETTRICI RALIMENTATI.

A FAILURE OF THE NORMAL POWER SUPPLY (0-VOLTAGE ON ESSENTIAL AND NORMAL LOAD BUSBARS) WILL TRIP THE UNDERVOLTAGE RELAY UK AND DISCONNECT THE NORMAL LOAD BUSBAR AND ONLY ESSENTIAL AND NORMAL LOADS WILL BE POWERED WHEN ESSENTIAL POWER SUPPLY (GENERATORS) ARE ESTABLISHED WHEN THE NORMAL LOADS ARE RESTARTED. THE NORMAL BREAKER CHIUSSO DAL CMS E TUTTI I CARICHI ELETTRICI RALIMENTATI.

FROM THE CMS AND ALL ELECTRICAL LOADS REPOWERED.



DM, CAVO, TIPO CABLE DM, TYPE EQUIPAGGIAMENTO	FORNITURA DA BLT41	DM, CAVO, TIPO CABLE DM, TYPE EQUIPAGGIAMENTO	FORNITURA DA BLT41
5x70 3x70	3x25 3x25	5x70 3x70	3x25 3x25
BL741	BL741	BL741	BL741
POTENZA, kW 50 kVA	POTENZA, kW 50 kVA	POTENZA, kW 50 kVA	POTENZA, kW 50 kVA
CORRENTE, A -	CORRENTE, A 14	CORRENTE, A -	CORRENTE, A 14
COMMENTS	COMMENTS	COMMENTS	COMMENTS
REMARKS	REMARKS	REMARKS	REMARKS

GRUPPO DI CONTINUITA' CARICO NORMALE	ESSENTIAL LOAD	NORMAL LOAD	ESSENTIAL LOAD	NORMAL LOAD	ESSENTIAL LOAD	NORMAL LOAD	ESSENTIAL LOAD	NORMAL LOAD	ESSENTIAL LOAD	NORMAL LOAD	ESSENTIAL LOAD	NORMAL LOAD	ESSENTIAL LOAD	NORMAL LOAD	ESSENTIAL LOAD	NORMAL LOAD
9	10	11	12	13	14	15	16	9	10	11	12	13	14	15	16	16
UPS LOAD	BLA41	BLA41	BLA41	BLA41	BLA41	BLA41	BLA41	UPS LOAD	BLA41	BLA41	BLA41	BLA41	BLA41	BLA41	BLA41	BLA41
3	1	3	3	1	1	1	1	3	1	3	3	1	1	1	1	1
16A	16A	16A	16A	16A	10A	10A	10A	16A	10A	16A	16A	10A	10A	10A	10A	10A
3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5
BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1	BLT41AH001A AC-QMT-AA1
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
4.8	1.3	8.1	8.1	6.5	2	2	2	4.8	1.3	8.1	8.1	6.5	2	2	2	2
COMMENTS	COMMENTS	COMMENTS	COMMENTS	COMMENTS	COMMENTS	COMMENTS	COMMENTS	COMMENTS	COMMENTS	COMMENTS	COMMENTS	COMMENTS	COMMENTS	COMMENTS	COMMENTS	COMMENTS
REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS

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1. LA PROTEZIONE E LA DIMENSIONE DEI CAVI DOVRA ESSERE VERIFICATA CON I DATI ELETTRICI DEI CARICHI REALI APPLICATI.
 - PROTECTION AND CABLE SIZES TO BE VERIFIED AGAINST ELECTRICAL DATA OF THE ACTUAL INSTALLED LOADS.

LEGENDA:

QUESTO ELABORATO GARANTO VA LETTO INSIEME A: THIS DRAWING TO BE READ IN CONJUNCTION WITH: CG1000-P4ADPT-E20E000000-63

ELABORATI DI RIFERIMENTO:

- CG1000-P4ADPT-E20E000000-01: SCHEMA GENERALE UNIFILARE MT 6kV.
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- CG1000-P4ADPT-E20E000000-09: SCHEMA GENERALE UNIFILARE BT 400/230V.
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- CG1000-P1R0PT-M4G5000000-01: RELAZIONE DI CALCOLO.
- CG1000-P2SDPT-M2C3000000-00: SPECIFICHE PROGETTUALI - LAVORI MECCANICI ED ELETTRICI

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PROTECTION AND CABLE SIZES TO BE VERIFIED AGAINST ELECTRICAL DATA OF THE ACTUAL INSTALLED LOADS.

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Stretto di Messina

EUROLINK S.p.A.

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PONTE SULLO STRETTO DI MESSINA

PROGETTO DEFINITIVO

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INGEGNERIA S.p.A. (Messina)

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OPERA D'ATTRAVERSAMENTO

DISTRIBUZIONE ELETTRICA MT/BT

BT-QMT-AA1 SCHEMA QUADRO ELETTRICO

PIU' 140_F0

OPERA D'ATTRAVERSAMENTO

DISTRIBUZIONE ELETTRICA MT/BT

BT-QMT-AA1 SCHEMA QUADRO ELETTRICO

PIU' 140_F0

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