COMUNE DI CALVIZZANO
Città Metropolitana di Napoli



Realizzazione della nuova Caserma dei Carabinieri - Edificio EX IPAB

PROGETTO ESECUTIVO

C-IM/08 | Scala: fuori scala | Titolo Tavola: Impianto di Climatizzazione VRF – Piano Terra: Schema Funzionale

Progettisti
IDGE DI GIROLAMO ENGINEERING

Responsabile del Progetto
Ing. Lorenzo Tammaro

EDIZ.	DATA	DESCRIZIONE	REDATTO	CONTROLLATO	APPROVATO
REV.00	FEBBRAIO 2026	EMISSIONE	GP	LdG	FdG

Questo documento, elaborato dalla DI Girolamo Engineering Srl, non può essere riprodotto o comunicato a terzi senza preventivo consenso scritto (legge 22-4-41 n.633- art. 2575 e segg. C.C.)

CITY MULTI

SYSTEM SCHEMATIC DWG.

SYSTEM 01

3N~ 380–415V/50Hz 380–415V/60Hz — FUSE — PUHY –P300YNW–A1

1.25mm² or thicker X2(S)

AC100–240V — AE–200E — 000

Appropriate Circuit Protection Device in accordance with local government regulations are mandatory required such as GFI(Inverter type) and MB etc.
Please refer the amount of pre-charge and the formula of calculation which is mentioned on the data book.
1.25mm² (16 AWG) : 1.25mm² (16 AWG) or more. 1.25mm² (16 AWG) : 1.25mm² (16 AWG) or more.
Warning: HVRF pipe size is dependent on pipe length, please confirm before implementation.

L1L2L3N TB7 — 051 — TB3 E — (S) — SWITCH4(935) OFF

1.25mm² or thicker X2(S)

P1 J1 — P2 J1 — P3 J2 — P4

P2 J1 — P5 J2 — P5 J2 — P3 J2 — P3 J2 — P3 J2 — P7 J2 — P7 J2 — P6

P3 J2 — P3 J2 — P3 J2 — P3 J2 — P3 J2 — P4

~ 220–240V — FUSE

001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017
Gp6	Gp7	Gp7	Gp8	Gp9	Gp9	Gp10	Gp10	Gp11	Gp14	Gp12	Gp2	Gp3	Gp1	Gp4	Gp5	Gp5
PLFY –P25VEM–E	PLFY –P25VEM–E	PLFY –P25VEM–E	PFFY –P32VLRMM–E	PLFY –P20VEM–E	PLFY –P20VEM–E	PLFY –P20VEM–E	PLFY –P20VEM–E	PLFY –P25VEM–E	PEFY –P20VMS–E	PLFY –P25VEM–E	PLFY –P20VEM–E	PLFY –P25VEM–E	PLFY –P20VEM–E	PLFY –P20VEM–E	PLFY –P20VEM–E	PLFY –P20VEM–E

1.25mm² or thicker X2(S) — 0.3–1.25mm²X2(S)

MA

Ufficio comandante | Ufficio 1 | Disimpegno | Sala Riunioni | Archivio ordinario | Archivio permanente | Locale cella | Armeria | Sogg. Int. Op | Ufficio 2 | Sala Apparati | Box militare di servizio | Atrio

SYSTEM 02

3N~ 380–415V/50Hz 380–415V/60Hz — FUSE — PUHY –P200YNW–A1

1.25mm² or thicker X2(S)

L1L2L3N TB7 — 068 — TB3 E — (S) — SWITCH4(935) OFF

1.25mm² or thicker X2(S)

P2 J1 — P3 J2 — P3 J2 — P4

~ 220–240V — FUSE

018	019	020	021
Gp15	Gp16	Gp18	Gp17
PLFY –P25VEM–E	PLFY –P25VEM–E	PLFY –P25VEM–E	PFFY –P32VLRMM–E

1.25mm² or thicker X2(S) — 0.3–1.25mm²X2(S)

MA

Camera doppia-Uomini 1 | Sala comune | Camera doppia-Uomini | Camera doppia-Donne

PIPING LIST

SYMBOL	BRANCH PIPE MODEL NAME
J1	CMY–Y102LS–G2
J2	CMY–Y102SS–G2

SYMBOL	LIQUID PIPE / GAS PIPE SIZE
P1	12.7 / 22.2
P2	9.52 / 22.2
P3	9.52 / 15.88
P4	6.35 / 12.7
P5	9.52 / 19.05
P6	9.52 / 12.7
P7	12.7 / 15.88