

PROGETTISTA:

Per. Ind. Paolo Ciampolini
Albo dei Periti Industriali della Provincia di Firenze matr. n° 1018

RETI LAN - IMPIANTI ELETTRICI E SPECIALI
ENERGIE RINNOVABILI
FOTOVOLTAICO - EOLICO - BIOMASSE - IDROELETTRICO

Perito Industriale Paolo Ciampolini - Via Vincenzo Bellini, 23 - 50053 Empoli (FI) ITALY
P. IVA 06801590487 - PEC: paolo.ciampolini@pec.it
e-mail: energy.ciampolini@gmail.com - tel.: 335 7500521

PROPRIETA':

IIS Polo Bianciardi
Piazza Stefano De Maria, 31
58100 Grosseto GR

COMMITTENTE:

IIS Polo Bianciardi
Piazza Stefano De Maria, 31
58100 Grosseto GR

DITTA ESECUTRICE:

CIS

INTELLIGENT SYSTEMS

CIS Intelligent systems Srl
Via Donatello, 59 Empoli(FI)
tel.0571.921010 www.cisonline.it

OGGETTO:

AS BUILT RETE LOCALE
POLO BIANCIARDI
piazza Stefano De Maria, 31, 58100 Grosseto GR

TAVOLA N°: TD02

PIANO: PIANO TERRA

PRATICA: TD8-3/22
DATA PROGETTO: 28.07.2022
REV1:
REV2:

COMMITTENTE

IL TECNICO

PAOLO CIAMPOLINI

PERITO INDUSTRIALE

28/07/2022

IMPRESA ESECUTRICE

Cavo UTP cat.6
LSZH a bassissima emissione di alogeni
Classe CPR: B2ca, s1a, d1, a1

Classification, use and evaluation of performance, according to CPR - EU Directive 30/11 and Spec. EN 50575-14						
Fire class	EN 50575-14	EN 50575-14	EN 50575-14	EN 50575-14	EN 50575-14	EN 50575-14
Fire class	high	middle-high	middle	middle-low	low	
Performance of fire reaction	★★★★	★★★★	★★★★	★★★★	★★★	
Installation	in a bundle				individually installed	OUTDOOR installation and use ONLY
Installation Place subject to local National regulations (see EN 50575-14)	under decision of the designer	drinking water supply systems pipes > 20 years	residential estate complex residential apartments garages	single residence small office shops < 100 m² small warehouses		
CEP Declaration of Performance	D0				under decision of manufacturer	
AVCP System Assessment Verification Conformity Performance system	1+		3		4	

SCHEMA A BLOCCHI

LEGENDA

- AP Access point
- CS Armadio a pavimento 42 unità, dimensioni 80 X 80 X 220 cm (LxPxH)
- RACK Armadio Rack NUOVA INSTALLAZIONE
- RACK Armadio Rack ESISTENTE
- nr.2 prese dati RJ45 cat.6
- Cavo ottico 8 fibre OM3 (vedasi tabella cavi)
- Cavo in rame UTP Cat.6 (vedasi tabella cavi)
- Canalizzazione in salita
- Canalizzazione in discesa

GRISO1200 - AF0800 - REGISTRO PROTOCOLLO - 0011986 - 28/07/2022 - V.2 - 1

OGGETTO:		
AS BUILT RETE LOCALE POLO BIANCIARDI piazza Stefano De Maria, 31, 58100 Grosseto GR		
TAVOLA N°: TD03	PIANO:	PRATICA: TD8-3/22
SCALA:	PIANO PRIMO	DATA PROGETTO: 28.07.2022
		REV1:
		REV2:
COMMITTENTE	IL TECNICO	IMPRESA ESECUTRICE
		

Classification, use and evaluation of performance, according to CPR - EU Directive 2011/65 and Spec. EN 50574-1						
Essential class	EN 50574-1 Risk of fire	EN 50574-1 Performance of the reaction	EN 50574-1 Installation	EN 50574-1 Installation Place	EN 50574-1 National specifications (see to EN 50574-1 table)	F _{max}
Performance of the reaction	high 	middle-high 	middle 	middle-low 	low 	
Installation		in a bundle			individually installed	OUTDOOR Installation and use ONLY
Installation Place without risk National specifications (see to EN 50574-1 table)						
Under decision of the designer	allowing between 10cm or less	allowing between 10cm or less between 20 people	individual entry separations along separations groups	single volumes small along along small small		
DxP Declaration of Performance		yes				under decision of manufacturer
ATCF system Performance system Consistency Performance system	1=	2=	3=	4=	5=	6=

Diagramma di un rack di server a 4A2P. Il rack è diviso in quattro sezioni:

- 4A2P**: Rack murale 13U, con 10 PDL doppie.
- 3A1P**: Rack murale 15U, con 9 PDL doppie.
- 2A**: Rack murale esistente, con 2 PDL doppie.
- 1A**: Nuovo rack a pavimento 37U, con 2 PDL doppie.

Le connessioni tra le sezioni sono:

- 10 PDL doppie (da 4A2P a 3A1P).
- 9 PDL doppie (da 3A1P a 2A).
- 2 dorsali ottica 8 fibre OM4 Guaina CCA (da 4A2P a 1A).
- 2 dorsali esistenti (da 2A a 1A).

The diagram illustrates a network rack installation. At the top, a circular icon with the letter 'A' is labeled 'Access point'. Below it, a green rectangular icon with the text 'CS' is shown. To the right of the 'CS' icon, the text 'Armadio a pavimento 42 unità, dimensioni 80 X 80 X 220 cm (LxPxH)' is displayed. Further down, a blue rectangular icon with the text 'RACK' is shown. To its right, the text 'Armadio Rack NUOVA INSTALLAZIONE' is displayed. Below the 'RACK' icon, another blue rectangular icon with the text 'RACK' is shown. To its right, the text 'Armadio Rack ESISTENTE' is displayed. Below the second 'RACK' icon, a diagram shows two vertical racks, each with a horizontal bar at the bottom labeled 'TD'. To the right of this diagram, the text 'nr.2 prese dati RJ45 cat.6' is displayed. Below the 'TD' diagram, a pink horizontal line is shown. To the right of this line, the text 'Cavo ottico 8 fibre OM3 (vedasi tabella cavi)' is displayed. Below the pink line, a blue horizontal line is shown. To the right of this line, the text 'Cavo in rame UTP Cat.6 (vedasi tabella cavi)' is displayed. At the bottom left, there are two circular icons. The first icon is connected to a square icon with a diagonal line, and the second icon is connected to a square icon with a diagonal line. To the right of the first circular icon, the text 'Canalizzazione in salita' is displayed. To the right of the second circular icon, the text 'Canalizzazione in discesa' is displayed.

Access point

CS

Armadio a pavimento 42 unità, dimensioni 80 X 80 X 220 cm (LxPxH)

RACK

Armadio Rack NUOVA INSTALLAZIONE

RACK

Armadio Rack ESISTENTE

nr.2 prese dati RJ45 cat.6

Cavo ottico 8 fibre OM3 (vedasi tabella cavi)

Cavo in rame UTP Cat.6 (vedasi tabella cavi)

Canalizzazione in salita

Canalizzazione in discesa

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OGGETTO:

AS BUILT RETE LOCALE
PLESSO LICEO ARTISTICO
via Pian d'Alma, 15, 58100, Grosseto GR

TAVOLA N°: TD01

PIANO: PIANO TERRA

PRATICA: TD8-2/22
DATA PROGETTO: 28.07.2022
REV1:
REV2:

SCALA:

COMMITTENTE

IL TECNICO

IMPRESA ESECUTRICE

Cavo UTP cat.6
LSZH a bassissima emissione di alogeni
Classe CPR: B2ca, s1a, d1, a1

Classification, use and evaluation of performance, according to CPR - EU Directive 30/11 and Spec. EN 50570:14							
Class	Reaction to fire	Smoke	Flame spread	Heat release	Acoustic insulation	Impact resistance	Fire resistance
High	High	High	High	High	High	High	High
Medium-high	Medium-high	Medium-high	Medium-high	Medium-high	Medium-high	Medium-high	Medium-high
Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Medium-low	Medium-low	Medium-low	Medium-low	Medium-low	Medium-low	Medium-low	Medium-low
Low	Low	Low	Low	Low	Low	Low	Low
Installation conditions							
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ENERGIE RINNOVABILI

FOTOVOLTAICO - EOLICO - BIOMASSE - IDROELETTRICO

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OGGETTO:

AS BUILT RETE LOCALE

PLESSO LICEO ARTISTICO

via Pian d'Alma, 15, 58100, Grosseto GR

TAVOLA N°: TD02

PIANO: PIANO PRIMO

PRATICA: TD8-2/22

DATA PROGETTO: 28.07.2022

SCALA:

REV1:

REV2:

COMMITTENTE

IL TECNICO

IMPRESA ESECUTRICE

Cavo UTP cat.6
LSZH a bassissima emissione di alogeni
Classe CPR: B2ca, s1a, d1, a1

Classification, use and evaluation of performance, according to CPR – EU Directive 2011 and Spec. EN 50575-14					
Performance class	High	Medium-high	Medium	Medium-low	Low
Risk of fire	High	Medium-high	Medium	Medium-low	Low
Performance of fire reaction	★★★★	★★★	★★★	★★★	★
Installation	in a bundle				individually installed
Installation Phase subject to each National specifications (see to EN12112 in Italy)	under decision of the client or the designer	allowing certain installation methods: electric cables > 20 pieces	restricted phase installation: electrical equipment, single conductors, cables, single-core cables	single conductors, small cables, single-core cables, cables > 100 or 2000 conductors	single conductors, small cables, single-core cables, cables > 100 or 2000 conductors
CEP Declaration of Performance	yes				under decision of manufacturer
ATPC System Assessment Classification	1+	2	3	4	5
Compliance Performance system	1+	2	3	4	5

SCHEMA A BLOCCHI

LEGENDA

- AP Access point
- CS Armadio a pavimento 42 unità, dimensioni 80 X 80 X 220 cm (LxPxH)
- RACK Armadio Rack NUOVA INSTALLAZIONE
- RACK Armadio Rack ESISTENTE
- nr.2 prese dati RJ45 cat.6
- Cavo ottico 8 fibre OM3 (vedasi tabella cavi)
- Cavo in rame UTP Cat.6 (vedasi tabella cavi)
- Canalizzazione in salita
- Canalizzazione in discesa

GRIS012000 - AF70800 - REGISTRO PROTOCOLLO - 0011986 - 28/07/2022 - 1/2 - 1

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ENERGIE RINNOVABILI

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tel.0571.921010 www.cisonline.it

OGGETTO:

AS BUILT RETE LOCALE

PLESSO STUDIO DELLA GRAFICA

viale Brigate Partigiane, 27, 58100, Grosseto GR

TAVOLA N°: TD01

PIANO: PIANO TERRA

PRATICA: TD8-1/22

DATA PROGETTO: 28.07.2022

SCALA:

REV1:

REV2:

COMMITTENTE

IL TECNICO

IMPRESA ESECUTRICE

Cavo UTP cat.6
LSZH a bassissima emissione di alogeni
Classe CPR: B2ca, s1a, d1, a1

Classification, use and evaluation of performance, according to CPR – EU Directive 2011 and Spec. EN 50575-14						
Performance class	High	Medium-high	Medium	Medium-low	Low	P _{max}
Rank of fire	1	2	3	4	5	
Performance of fire reaction	★ ★ ★ ★	★ ★ ★	★ ★ ★	★ ★	★	
Installation	in a bundle					OUTDOOR installation and use ONLY
Installation Phase subject to such national specifications (acc. to EN12115 in Italy)	under decision of the user or the designer	allowing certain installation conditions: cables > 20 pieces	restricted choice: cables > 20 pieces	restricted choice: cables > 20 pieces	single selection: cables > 100 or 2000 bundles	
CEP Declaration of Performance	yes					under decision of manufacturer
ATPC System Assessment Classification	1+					4
Category of Performance system	1+					

SCHEMA A BLOCCHI

LEGENDA

- Access point
- Armadio a pavimento 42 unità, dimensioni 80 X 80 X 220 cm (LxPxH)
- Armadio Rack NUOVA INSTALLAZIONE
- Armadio Rack ESISTENTE
- nr.2 prese dati R45 cat.6
- Cavo ottico 8 fibre OM3 (vedasi tabella cavi)
- Cavo in rame UTP Cat.6 (vedasi tabella cavi)
- Canalizzazione in salita
- Canalizzazione in discesa

GRIS01200Q - AF70890 - REGISTRO PROTOCOLLO - 0011986 - 28/07/2022 - 1/2 - 1

PROGETTISTA:

Per. Ind. Paolo Ciampolini

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ENERGIE RINNOVABILI

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OGGETTO:

AS BUILT RETE LOCALE

PLESSO STUDIO DELLA GRAFICA

viale Brigate Partigiane, 27, 58100, Grosseto GR

TAVOLA N°: TD02

PIANO: PIANO PRIMO

PRATICA: TD8-1/22

DATA PROGETTO: 28.07.2022

SCALA:

REV1:

REV2:

COMMITTENTE

IL TECNICO

DE PERITI INDUSTRIALI

PROV. DI FIRENZE

PAOLO CIAMPOLINI

PERITO INDUSTRIALE

20/07/2022

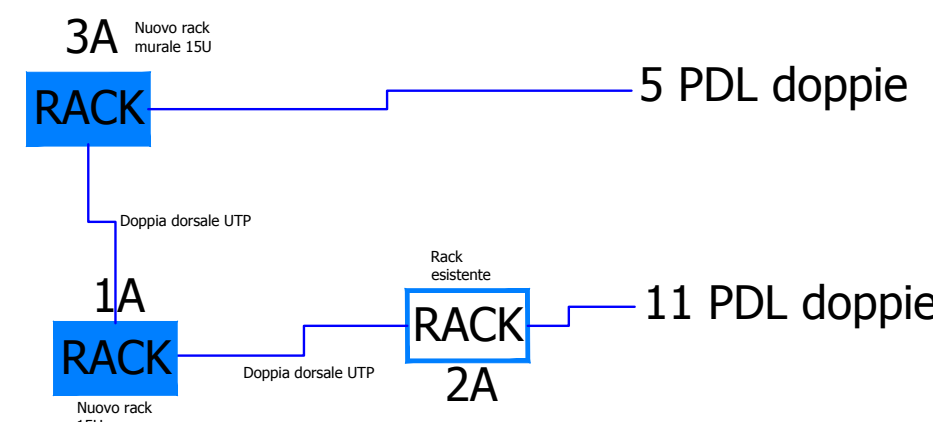
20/07/2022

IMPRESA ESECUTRICE

Cavo UTP cat.6
LSZH a bassissima emissione di alogeni
Classe CPR: B2ca, s1a, d1, a1

Classification, use and evaluation of performance, according to CPR - EU Directive 2011 and Spec. EN 50575-14						
Category	Category A	Category B	Category C	Category D	Category E	Category F
Reaction to fire	high	middle-high	middle	middle-low	low	low
Performance of fire reaction	★★★★	★★★	★★★	★★★	★★★	★★★
Installation	in a bundle					individually installed
Installation Phase subject to each National specifications (see to EN 50575-14)	under decision of the user or the designer	depending on the installation conditions	depending on the installation conditions	depending on the installation conditions	depending on the installation conditions	depending on the installation conditions
CEP Declaration of Performance	yes					under decision of manufacturer
ATVP System Assessment Classification	1+					4

SCHEMA A BLOCCHI



LEGENDA

- AP Access point
- CS Armadio a pavimento 42 unità, dimensioni 80 X 80 X 220 cm (LxPxH)
- RACK Armadio Rack NUOVA INSTALLAZIONE
- RACK Armadio Rack ESISTENTE
- nr.2 prese dati RJ45 cat.6
- Cavo ottico 8 fibre OM3 (vedasi tabella cavi)
- Cavo in rame UTP Cat.6 (vedasi tabella cavi)
- Canalizzazione in salita
- Canalizzazione in discesa

