
Sommario

MIMR201A-DA	3
1. Collegamenti	3
SLOT 3 (H1-I01)	6
SLOT 4 (H1-I01)	6
SLOT 5 (H1-P16)	7
SLOT 6 (H1-P16)	7
2. Esempi di collegamento	8
Scheda H1-I01	8
Scheda H1-P16	8
3. Caratteristiche elettriche	10
Scheda H1-I01	10
Scheda H1-P16	10

MIMR201A-DA

Quality in Electronic
Manufacturing

Documento:	MIMR201A-DA			
Descrizione:	Manuale di installazione e manutenzione			
Redattore:	Riccardo Furlato			
Approvatore	Giuliano Tognon			
Link:	http://www.qem.eu/doku/doku.php/strumenti/microqmove/r201/gamme/MIMR201A-DA			
Lingua:	Italiano			
Release documento	Release Hardware	Descrizione	Note	Data
01	01	Nuovo manuale	/	09/03/2017

1. Collegamenti

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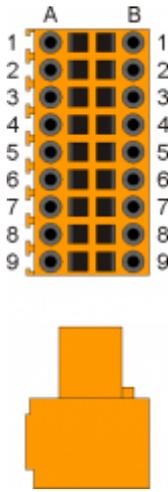
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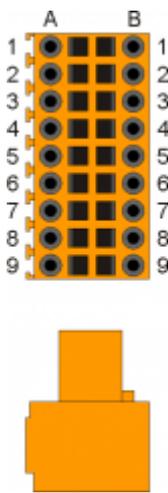
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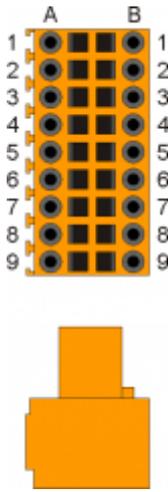
SLOT 3 (H1-I01)

	Pin	Nome	Descrizione	Indirizzo
	1A	PL1	Polarizzatore ingressi	01÷08
	2A	I1	Ingresso digitale 1	X.INP01
	3A	I2	Ingresso digitale 2	X.INP02
	4A	I3	Ingresso digitale 3	X.INP03
	5A	I4	Ingresso digitale 4	X.INP04
	6A	I5	Ingresso digitale 5	X.INP05
	7A	I6	Ingresso digitale 6	X.INP06
	8A	I7	Ingresso digitale 7	X.INP07
	9A	I8	Ingresso digitale 8	X.INP08
	1B	PL2	Polarizzatore ingressi	09÷16
	2B	I9	Ingresso digitale 9	X.INP09
	3B	I10	Ingresso digitale 10	X.INP10
	4B	I11	Ingresso digitale 11	X.INP11
	5B	I12	Ingresso digitale 12	X.INP12
	6B	I13	Ingresso digitale 13	X.INP13
	7B	I14	Ingresso digitale 14	X.INP14
8B	I15	Ingresso digitale 15	X.INP15	
9B	I16	Ingresso digitale 16	X.INP16	

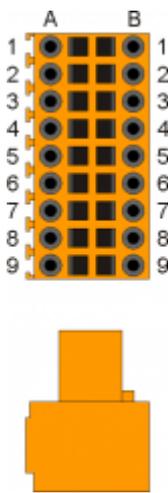
SLOT 4 (H1-I01)

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	3A	I2	Ingresso digitale 2	X.INP18
	4A	I3	Ingresso digitale 3	X.INP19
	5A	I4	Ingresso digitale 4	X.INP20
	6A	I5	Ingresso digitale 5	X.INP21
	7A	I6	Ingresso digitale 6	X.INP22
	8A	I7	Ingresso digitale 7	X.INP23
	9A	I8	Ingresso digitale 8	X.INP24
	1B	PL2	Polarizzatore ingressi	25÷32
	2B	I9	Ingresso digitale 9	X.INP25
	3B	I10	Ingresso digitale 10	X.INP26
	4B	I11	Ingresso digitale 11	X.INP27
	5B	I12	Ingresso digitale 12	X.INP28
	6B	I13	Ingresso digitale 13	X.INP29
	7B	I14	Ingresso digitale 14	X.INP30
8B	I15	Ingresso digitale 15	X.INP31	
9B	I16	Ingresso digitale 16	X.INP32	

SLOT 5 (H1-P16)

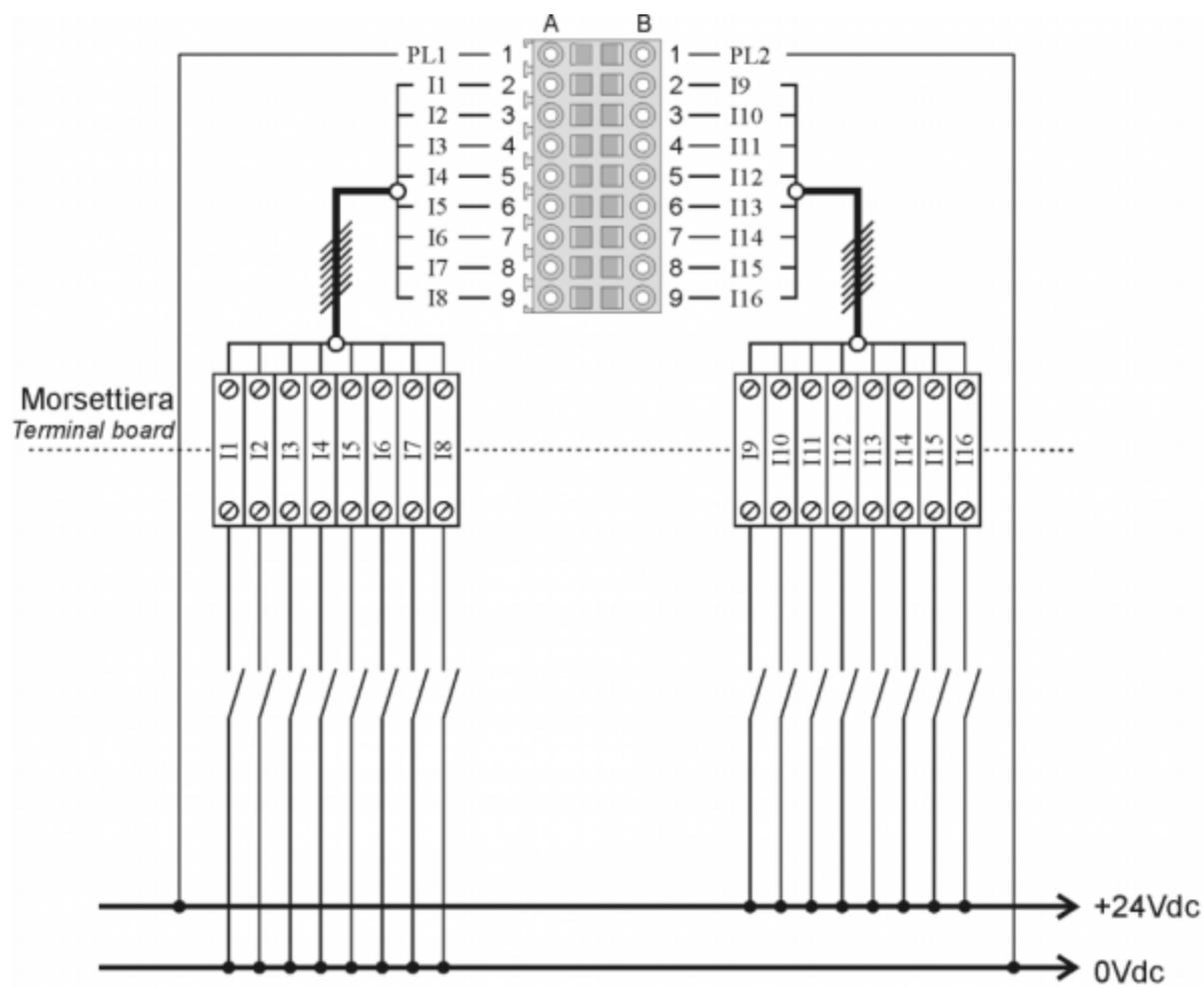
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	2A	O2	Uscita digitale 2	X.OUT02
	3A	O3	Uscita digitale 3	X.OUT03
	4A	O4	Uscita digitale 4	X.OUT04
	5A	O5	Uscita digitale 5	X.OUT05
	6A	O6	Uscita digitale 6	X.OUT06
	7A	O7	Uscita digitale 7	X.OUT07
	8A	O8	Uscita digitale 8	X.OUT08
	9A	V1+	Ingresso alimentazione uscite 01÷08 (12÷28V dc)	
	1B	O9	Uscita digitale 9	X.OUT09
	2B	O10	Uscita digitale 10	X.OUT10
	3B	O11	Uscita digitale 11	X.OUT11
	4B	O12	Uscita digitale 12	X.OUT12
	5B	O13	Uscita digitale 13	X.OUT13
	6B	O14	Uscita digitale 14	X.OUT14
	7B	O15	Uscita digitale 15	X.OUT15
8B	O16	Uscita digitale 16	X.OUT16	
9B	V2+	Ingresso alimentazione uscite 09÷16 (12÷28V dc)		

SLOT 6 (H1-P16)

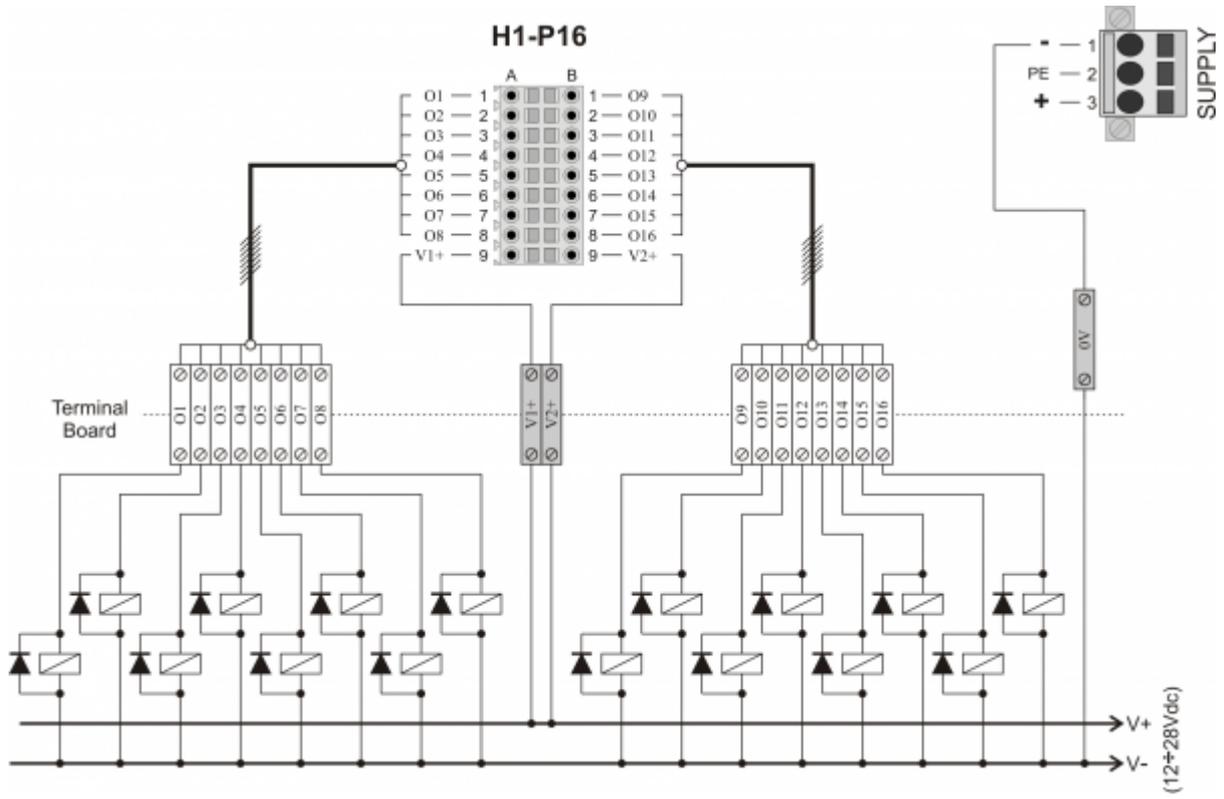
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	2A	O2	Uscita digitale 2	X.OUT18
	3A	O3	Uscita digitale 3	X.OUT19
	4A	O4	Uscita digitale 4	X.OUT20
	5A	O5	Uscita digitale 5	X.OUT21
	6A	O6	Uscita digitale 6	X.OUT22
	7A	O7	Uscita digitale 7	X.OUT23
	8A	O8	Uscita digitale 8	X.OUT24
	9A	V1+	Ingresso alimentazione uscite 17÷24 (12÷28V dc)	
	1B	O9	Uscita digitale 9	X.OUT25
	2B	O10	Uscita digitale 10	X.OUT26
	3B	O11	Uscita digitale 11	X.OUT27
	4B	O12	Uscita digitale 12	X.OUT28
	5B	O13	Uscita digitale 13	X.OUT29
	6B	O14	Uscita digitale 14	X.OUT30
	7B	O15	Uscita digitale 15	X.OUT31
8B	O16	Uscita digitale 16	X.OUT32	
9B	V2+	Ingresso alimentazione uscite 25÷32 (12÷28V dc)		

2. Esempi di collegamento

Scheda H1-I01



Scheda H1-P16

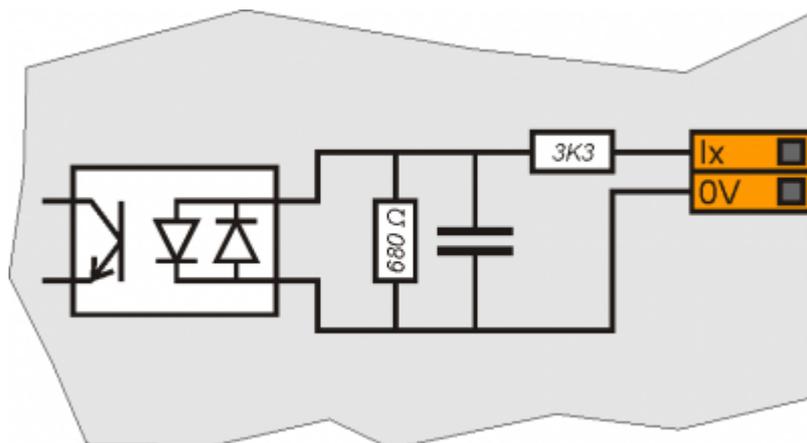


3. Caratteristiche elettriche

Scheda H1-I01

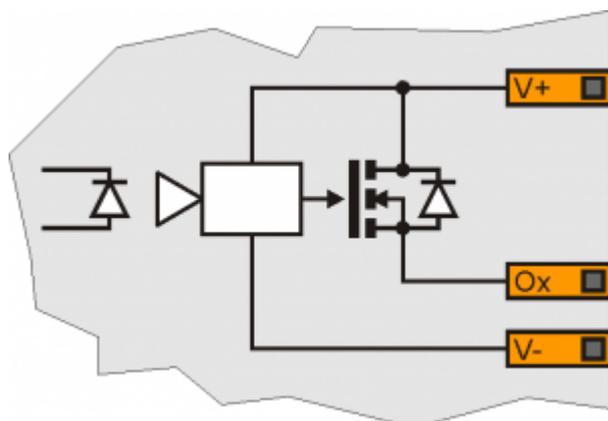
Tipo di polarizzazione	PNP/PNP ¹⁾
Tempo minimo di acquisizione (hardware)	1,3 ms
Isolamento	2500 Vrms
Tensione di funzionamento nominale	24 Vdc
Tensione stato logico 0	0÷5 V
Tensione stato logico 1	20÷28 V
Caduta di tensione interna	1,2 V
Resistenza di ingresso	3300 Ω

¹⁾ Il tipo di polarizzazione dipende dal collegamento del polarizzatore PLx



Scheda H1-P16

Carico commutabile	Dc (PNP)
Max. tensione di funzionamento	28V
Isolamento	1000VRMS
Caduta di tensione interna max.	600mV
Resistenza interna massima @ON	90mO
Corrente max. di protezione	12A
Corrente max. di funzionamento	500mA
Corrente max. @OFF	5μA
Tempo di massimo commutazione da ON a OFF	270μs
Tempo di massimo commutazione da OFF a ON	250μs



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