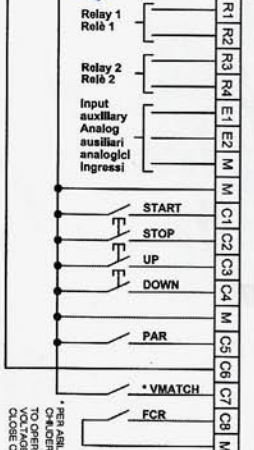
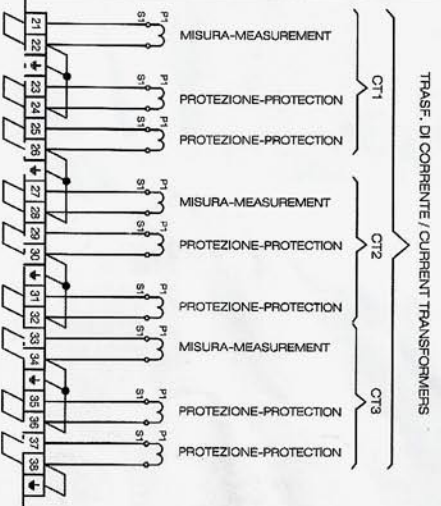


**PANNELLO DI REGOLAZIONE  
REGULATION PANEL  
M50ET910A/M50ET912A  
SCHEMA COLL. PANNELLO  
PANEL CONN. DIAGRAM  
M00AGA508A**

TA	TA PER PRELIEVO TENSIONE DI RETE
CT	CT FOR PARALLEL OPERATION WITH SIMILAR GEN. (I A)
TA1	TA DI SOVARECOCIZZAZIONE (S A)
CT1	CT FOR OVER EXCITATION (S A)
TV1	TV PER ALIMENTAZIONE REGOLATORE
TV2	TV PER RILEVIO TENSIONE GENERATORE
VT	VT FOR GENERATOR SENSING
VT	VT PER RILEVIO TENSIONE DI RETE
VT	VT FOR NETWORK VOLTAGE SENSING

NOTA: E' POSSIBILE USARE TA / S4 COLLEGANDO IL MORSETTO S4 INVECE DI A1  
NOTE: IT IS POSSIBLE TO USE OF / S4 CONNECTING TERMINAL AS INSTEAD OF A1  
COLLEGAMENTI ESTERNI 2,5 mm<sup>2</sup>  
EXTERNAL CONNECTIONS 2,5 mm<sup>2</sup>



*Handwritten notes:*  
2734  
5+25  
1524

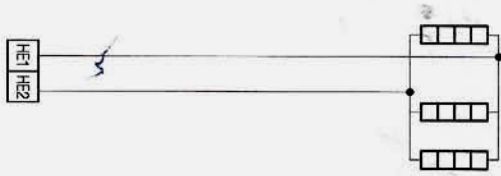
A	ASIGNAMENTO TABELLA VT	DESCRIZIONE	22.02.16	DAL 00200.0
REV.			DATA	FRMA
		SOSTITUISCE IL COD.	11.11.15	DAL 00200.0
		CAD	11.11.15	DE 00000.0
		SCALA		
		DIS.		
		CONTR./CUFF.		
		CONTR. ATEX		
SCHEMA COLLEGAMENTI INTERNI/ESTERNI				
INTERNAL/EXTERNAL CONNECTION DIAGRAM				
M00AGA39B				
REV.				

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Indice	Modifiche	Firma	Data	CONTR. CUFF.	CONTR. ATX
A	Heaters 230V +/-5% instead of 220/230V	Peruzzi	17.05.12		
B	Added heaters current	Peruzzi	23.05.12		

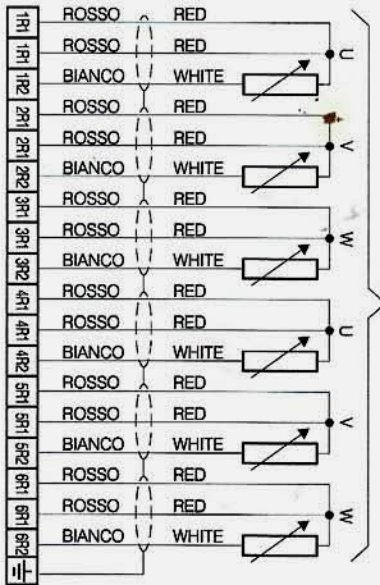
1102692011 9 peruzzi 26/05/2011

Indice	Modifiche	Firma	Data	CONTR. CUFF.	CONTR. ATX

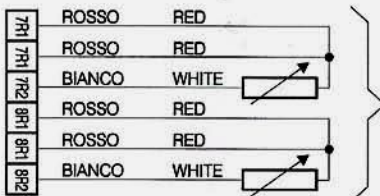


SCALDIGLIA ANTICONDENSA HEATERS

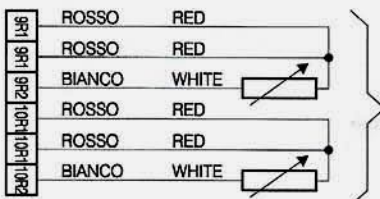
TIPO M7 - M8 MJ	TIPO V	TIPO W	TIPO A
160	230 +/-5%	65	0,28
200			
225		125	0,54
250			
315		200	0,87
355			
400		400	1,74
450			
500			
560			
630	600	2,61	
710			
800	800	3,48	



TERMORIVELATORI AWOLGIMENTO STATORE  
100 OHM A 0 °C , COEFF. DI TEMP. 3.85 x 10<sup>-3</sup> °C<sup>-1</sup>  
MAIN STATOR WINDING THERMODETECTORS  
100 OHM A 0 °C , COEFF. DI TEMP. 3.85 x 10<sup>-3</sup> °C<sup>-1</sup>



TERMORIVELATORE SOPPORTO LD.  
100 Ohm A 0°C - COEFICIENTE DI TEMPERATURA 3.85 x 10<sup>-3</sup>  
D-end BEARING THERMODETECTOR  
100 Ohm AT 0 °C - TEMPERATURE COEFFICIENT 3.85 x 10<sup>-3</sup>



TERMORIVELATORE SOPPORTO L.N.  
100 Ohm A 0°C - COEFICIENTE DI TEMPERATURA 3.85 x 10<sup>-3</sup>  
ND-end BEARING THERMODETECTOR  
100 Ohm AT 0 °C - TEMPERATURE COEFFICIENT 3.85 x 10<sup>-3</sup>

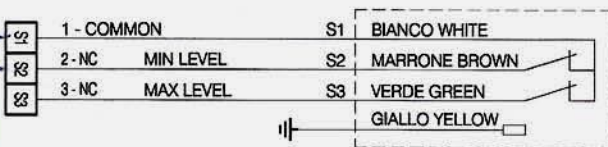
**MarelliMotori**

**SCHEMA COLLEGAMENTI AUSILIARI  
AUXILIARY CONNECTION DIAGRAM**

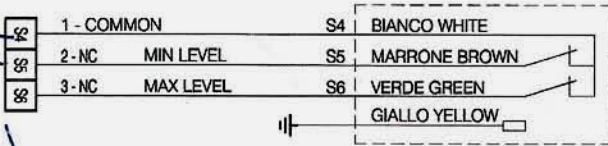
**M00AZB81B**

DIS. [ ]  
CONTR. CUFF. [ ]  
CONTR. ATX [ ]

DATA [ ]  
FIRMA [ ]



RIVELATORE LIVELLO MINIMO/MASSIMO OLIO CUSCINETTO L.D.  
MINIMUM/MAXIMUM OIL LEVEL DETECTOR D-end BEARING



RIVELATORE LIVELLO MINIMO/MASSIMO OLIO CUSCINETTO L.N.  
MINIMUM/MAXIMUM OIL LEVEL DETECTOR ND-end BEARING

OIL LEVEL	CONTACT 1-2 MIN	CONTACT 1-3 MAX
EMPTY	0	1
NORMAL	1	1
FULL	1	0

# MEC-100 Interface System

Generator serial number	<b>MD16617</b>	Order number	<b>521636</b>	Test date	<b>27/04/2016</b>
MEC-100 serial number	<b>EB22909</b>	Customer	<b>MWM/CAT</b>	Software Release	<b>3.0.3</b>
		Type	<b>MJH 800 MC6</b>	Firmware Release	<b>2.01</b>

PARAMETER	UNIT	MIN	MAX	DATA
<b>SYSTEM PARAMETERS</b>				
<b>Generator Data</b>				
Rated Voltage	V			10500
Rated Current	A			352,01
Rated Power Factor				0,800
Rated Frequency	Hz			50,00
Rated Excitation Current	A			5,20
Rated Real Power	kW			5121
Rated Reactive Power	kVAR			3841
Rated Apparent Power	kVA			6402
<b>System Options</b>				
Voltage Sensing				1-Phase
PF/VAR				PF
<b>Aux. Analog Input Setting</b>				
Single operation				No
Parallel operation				No
<b>SENSING</b>				
<b>Generator VT</b>				
Primary Voltage	V	100	22000	11000
Secondary Voltage	V	100	500	400
<b>Line VT</b>				
Primary Voltage	V	100	22000	11000
Secondary Voltage	V	100	500	400
<b>Generator CT</b>				
Primary Current	A	0	10000	295
Secondary Current	A	1	5	1
<b>Adjustments</b>				
Generator VT Ratio	%	95	105	100,0
Line VT Ratio	%	95	105	100,0
Generator CT Ratio	%	95	105	99,8
Phase Compensation	Gradi	-20	+20	0,0
Excitation Current Measurement Offset				117
<b>SETPOINT</b>				
<b>Generator Voltage Setpoint</b>				
Voltage	%	70	130	100,0
Minimum	%	70	100	80,0
Maximum	%	100	130	120,0
<b>Power Factor Setpoint</b>				
Power Factor	-	-	-	0,80 INDUCTIVE
Leading PF	-	0.5	1	0,90
Lagging PF	-	0.5	1	0,70
<b>Reactive Power Setpoint</b>				
Reactive Power	%	-	-	0,00
Minimum	%	-50	0	-0,07
Maximum	%	0	100	0,19
<b>Excitation Current Setpoint</b>				
Excit. Current	%	-	-	10,03
Minimum	%	0	100	10,03
Maximum	%	1	120	10,03

Generator serial number	<b>MD16617</b>	Order number	<b>521636</b>	Test date	<b>27/04/2016</b>
MEC-100 serial number	<b>EB22909</b>	Customer	<b>MWM/CAT</b>	Software Release	<b>3.0.3</b>
		Type	<b>MJH 800 MC6</b>	Firmware Release	<b>2.01</b>

PARAMETER	UNIT	MIN	MAX	DATA
<b>OTHER SETTINGS</b>				
Soft Start				
Soft start time	s	1	3600	10
Traverse rate				
Voltage	%/s	0.1	5	1,8
Power Factor	.00/s	1	10	2
Reactive Power	%/s	0.1	5	2,0
Voltage Matching				
Minimum	%	90	100	95
Maximum	%	100	110	105
Droop Settings				
Reactive Droop Compensation	%	1	10	3,9
Voltage Setpoint Adjustment				DISABLED
<b>PID SETTINGS</b>				
Voltage Regulation Stability				
Proportional Gain				900
Integral Gain				90
Derivative Gain				1300
Derivative Adjustments				
1° Derivative Item: Time				60
2° Derivative Item: Filter				16
PF/VAR Regulation Stability				
Proportional Gain				150
Integral Gain				145
<b>LIMITERS</b>				
Underfrequency Limiter				
Corner Frequency	Hz	40	60	45,0
Zero Volt Frequency	Hz	0	40	20,0
Short Circuit Limiter				
Limiting Options	V	0	1000	0
Overexcitation Limiter				
Maximum Current	A	0	25	6,0
Time Delay	s	0	600	10
Max. Continuative Current	A	0	15	5,5
Apply to Relay1				NO
Apply to Relay2				NO
Underexcitation Limiter				
Leading Power at PF=0	%	0	60	50
Apply to Relay1				NO
Apply to Relay2				NO
<b>FIELD PROTECTIONS</b>				
Protection: Field Overcurrent				
Maximum Current	A	0	15	6,0
Time Delay	s	0	10	10
Apply to Relay1				NO
Apply to Relay2				NO
Protection: Field Overvoltage				
Voltage Threshold	V	0	200	35
Time Delay	s	0	300	10
Apply to Relay1				NO