

0	Edition originale	25/07/2016	MD	YB
INDICE	MODIFICATION			
DATE	DESSINE	APPROUVE		



Website: [www.cretechnology.com](http://www.cretechnology.com)  
Email: [info@cretechnology.com](mailto:info@cretechnology.com)  
Email: [support@cretechnology.com](mailto:support@cretechnology.com)  
SKYPE: support-cretechnology.com

DESSINATEUR: MD

DATE DE CREATION: 01/06/2016

AFFAIRE N°: .....

## CRE TECHNOLOGY

130 , allée Charles-Victor Naudin Zone des Templiers Sophia-Antipolis  
Zone des Templiers Sophia-Antipolis  
06410 BIOT- FRANCE

Tél: (0033) 492 38 86 82

Fax: (0033) 492 38 86 83

## GENSYS COMPACT MAINS

### WIRING DIAGRAM EXAMPLE

GENSYS COMPACT MAINS

01/09

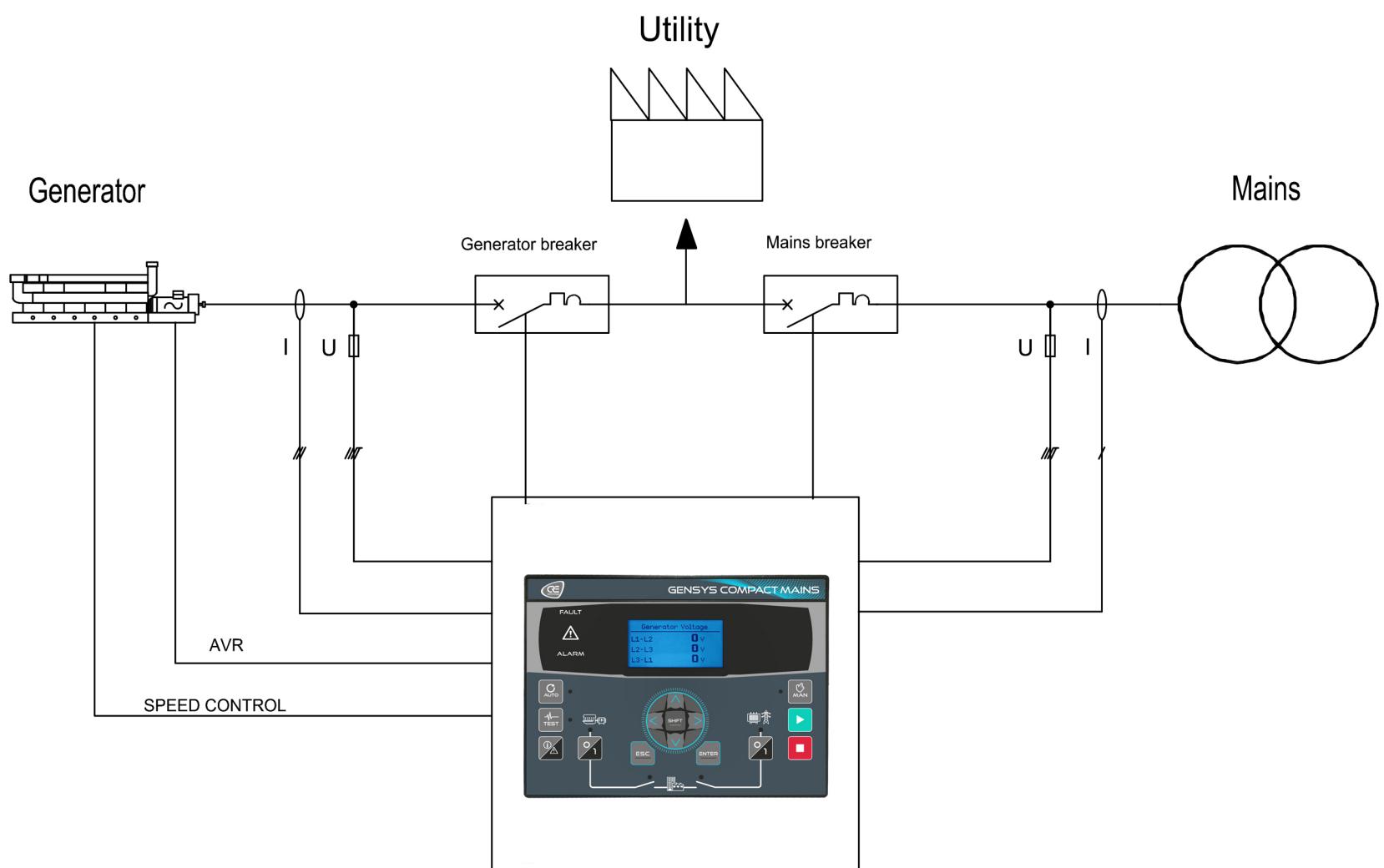


DESSINE : MD			
VERIFIÉ : YB			
	A	25/07/2016	Edition originale
DATE DE CRÉATION :	INDICE	DATE	MODIFICATION
01/06/2016			DE

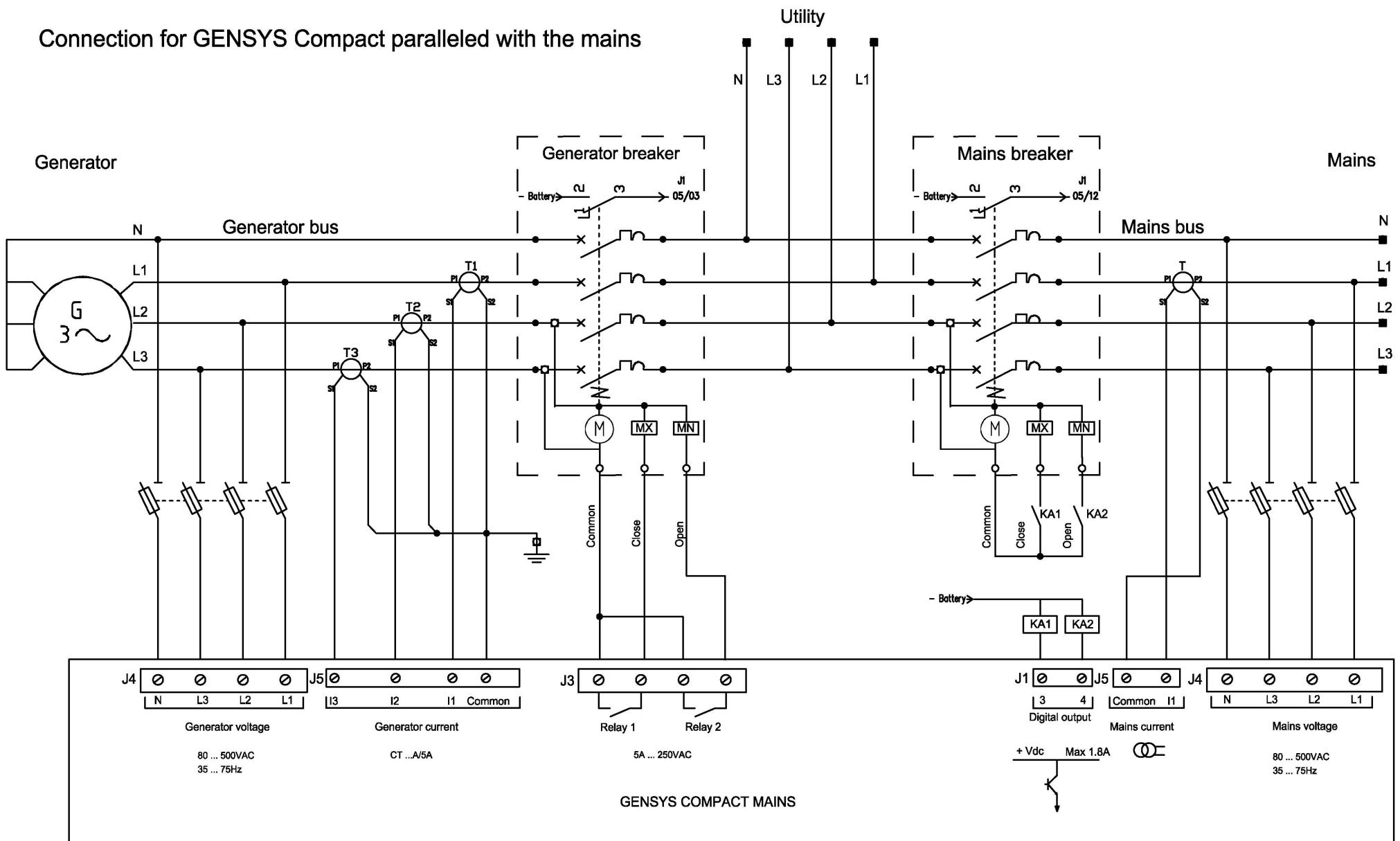
### **Generator paralleled with the mains**

## Summary

FOLIO  
02  
01 03 ►



## Connection for GENSYS Compact paralleled with the mains



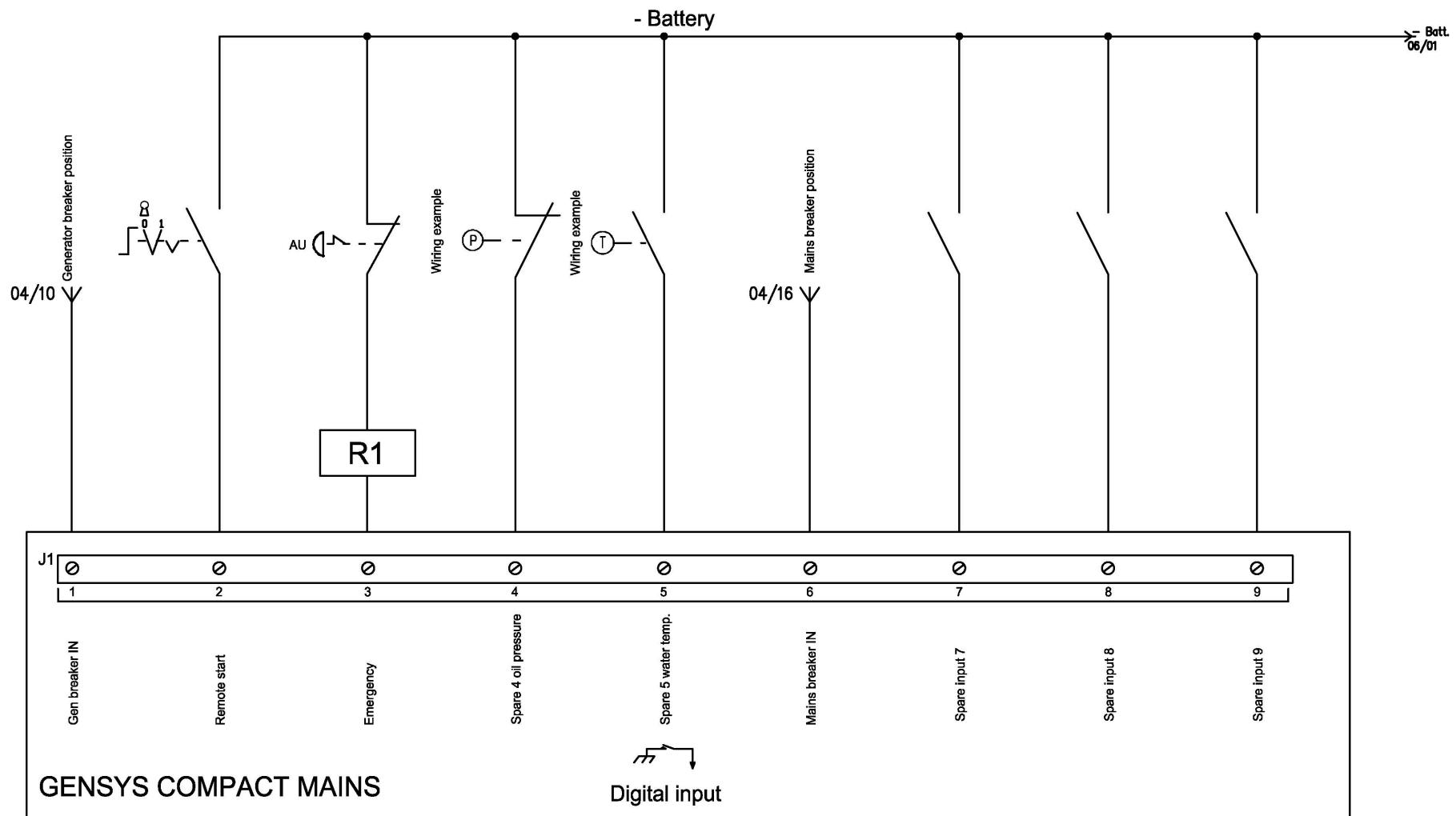
DESSINE:	M.D		
VERIFIE:	Y.B		
DATE DE CREATION :	01/06/2016	25/07/2016	Edition originale
INDICE	DATE	MODIFICATION	DES.

Generator paralleled with the mains

Document n° : .....Wiring diagram

Breaker control &amp; Power wiring

 FOLIO  
04  
 ◀ 03 05 ▶

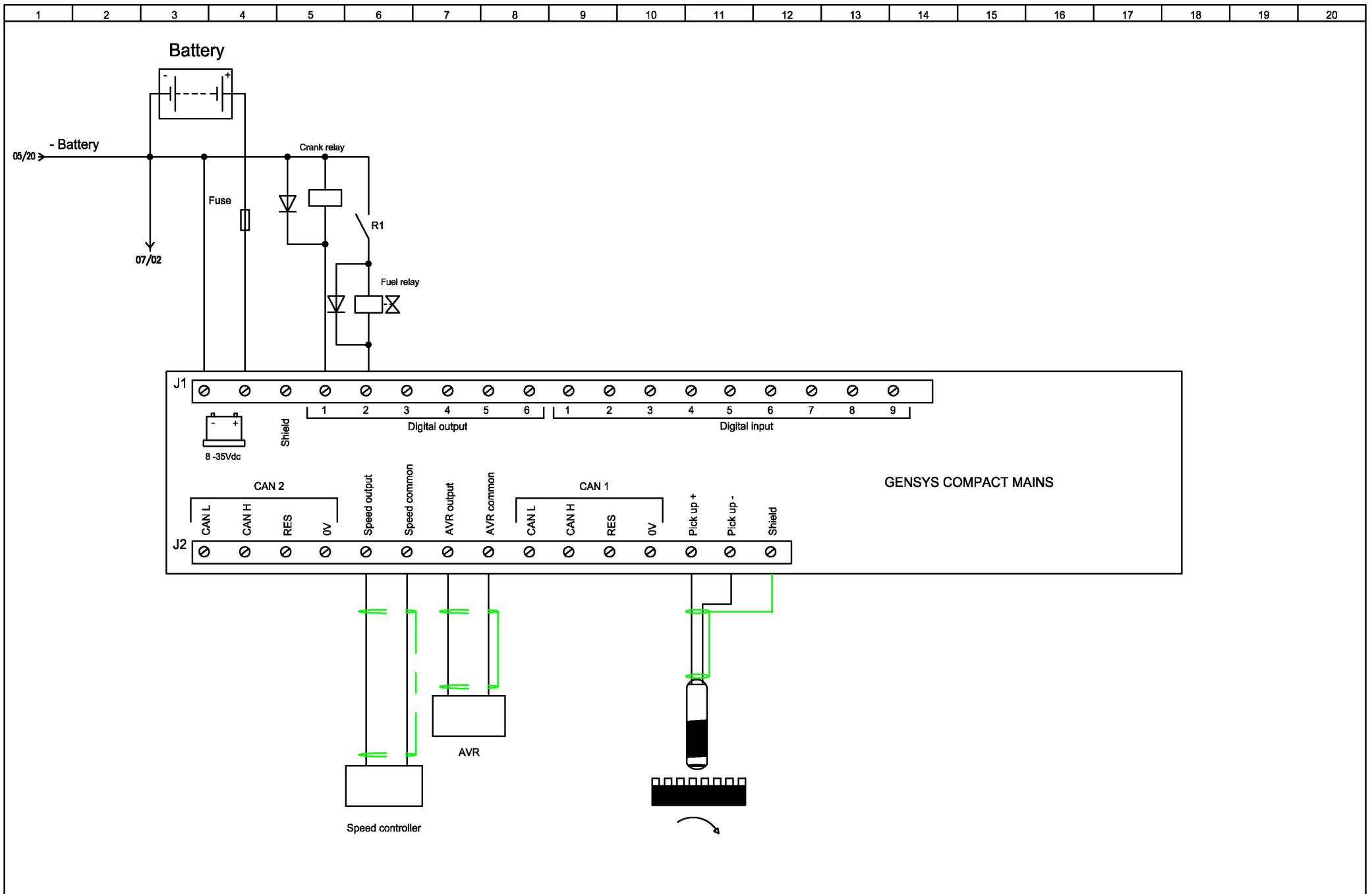


DESSINE:	M.D			
VERIFIE:	Y.B			
DATE DE CREATION :	01/06/2016	0 25/07/2016	Edition originale	MD

Generator paralleled with the mains  
Document n° : ..... Wiring diagram

Input 1 to 9 wiring

FOLIO  
05  
◀ 04 06 ▶



DESSINE: M.D  
VERIFIE: Y.B  
DATE DE CREATION: 01/06/2016

25/07/2016 Edition originale  
INDICE DATE MODIFICATION DES.

Generator paralleled with the mains  
Document n° : ..... Wiring diagram

Power supply & Engine control

FOLIO  
06  
◀ 05 07 ▶

06/03 ➤ - Battery ➤ 08/02

KA1      KA2      KA3

Wiring example

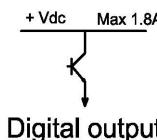
SEE A FOLIO 6

J1	∅	∅	∅	∅	∅	∅
	1	2	3	4	5	6

Crank

Fuel relay

Close mains breaker



Open mains breaker

Output 5

Buzzer

GENSYS COMPACT MAINS



DESSINE:	M.D		
VERIFIE:	Y.B		
DATE DE CREATION:	01/06/2016	25/07/2016	Edition originale

Generator paralleled with the mains

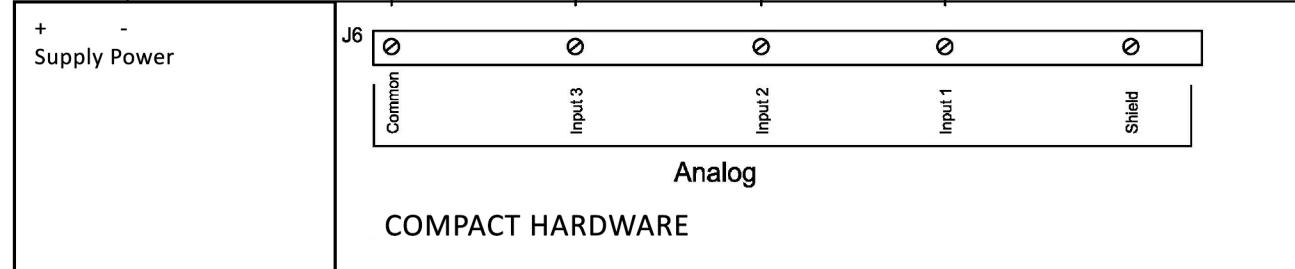
Document n° : .....wiring diagram

Digital output

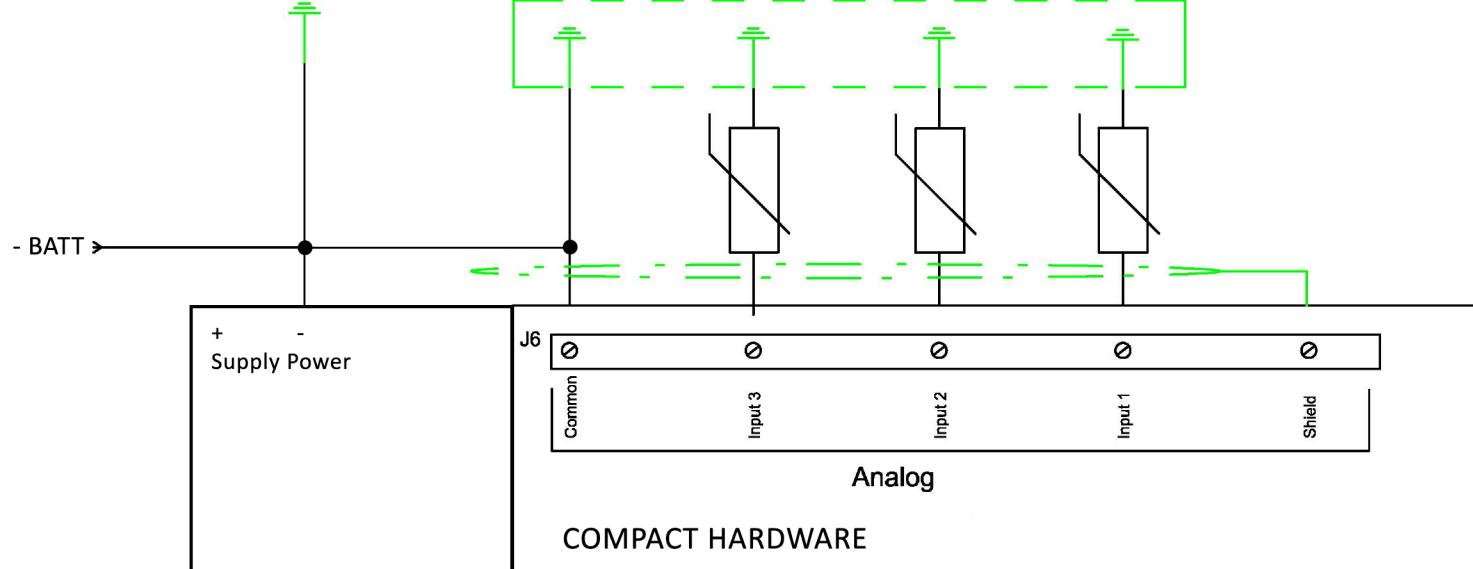
FOLIO 07	◀ 06	08 ▶
-------------	------	------

Analog sensor with 1 terminal (+) and terminal (-)

- BATT →



Analog sensor with 1 terminal (+) and chassis for (-)



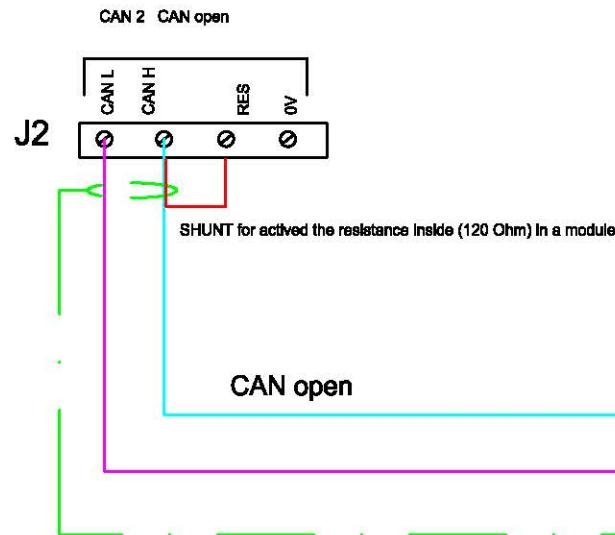
DESSINE:	M.D			
VERIFIE:	Y.B			
DATE DE CREATION:	01/06/2016	Edition originale	MD	

Generator paralleling wiring example

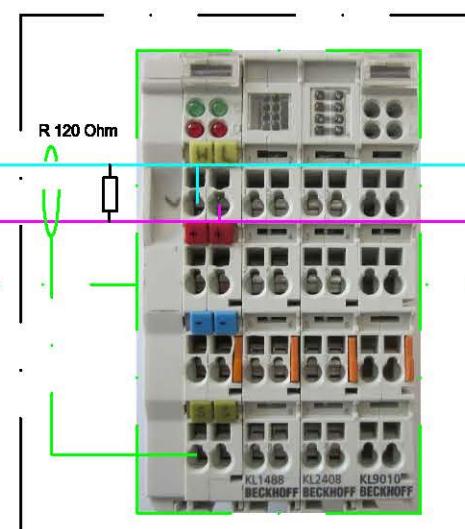
Document n° : A56Z090024-a- Wiring diagram

Analog input wiring

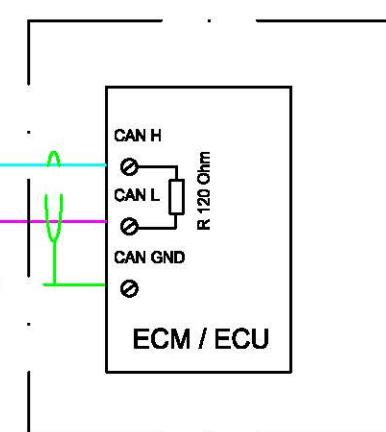
The 120 Ohm termination resistor must be present on both sides of the CAN bus



Example 1



CAN open + J1939



Example 2

Connection with extensions I/O (Wiring the resistor in extension)

Connection with extensions I/O and J1939 (wiring the resistor in ECU)



DESSINE:	M.D		
VERIFIE:	Y.B		
DATE DE CREATION :	01/06/2016	EDITION ORIGINALE	MD

Generator paralleled with the mains

Document n° : ..... Wiring diagram

CAN 2 - CAN J1939 & I/O extensions connection