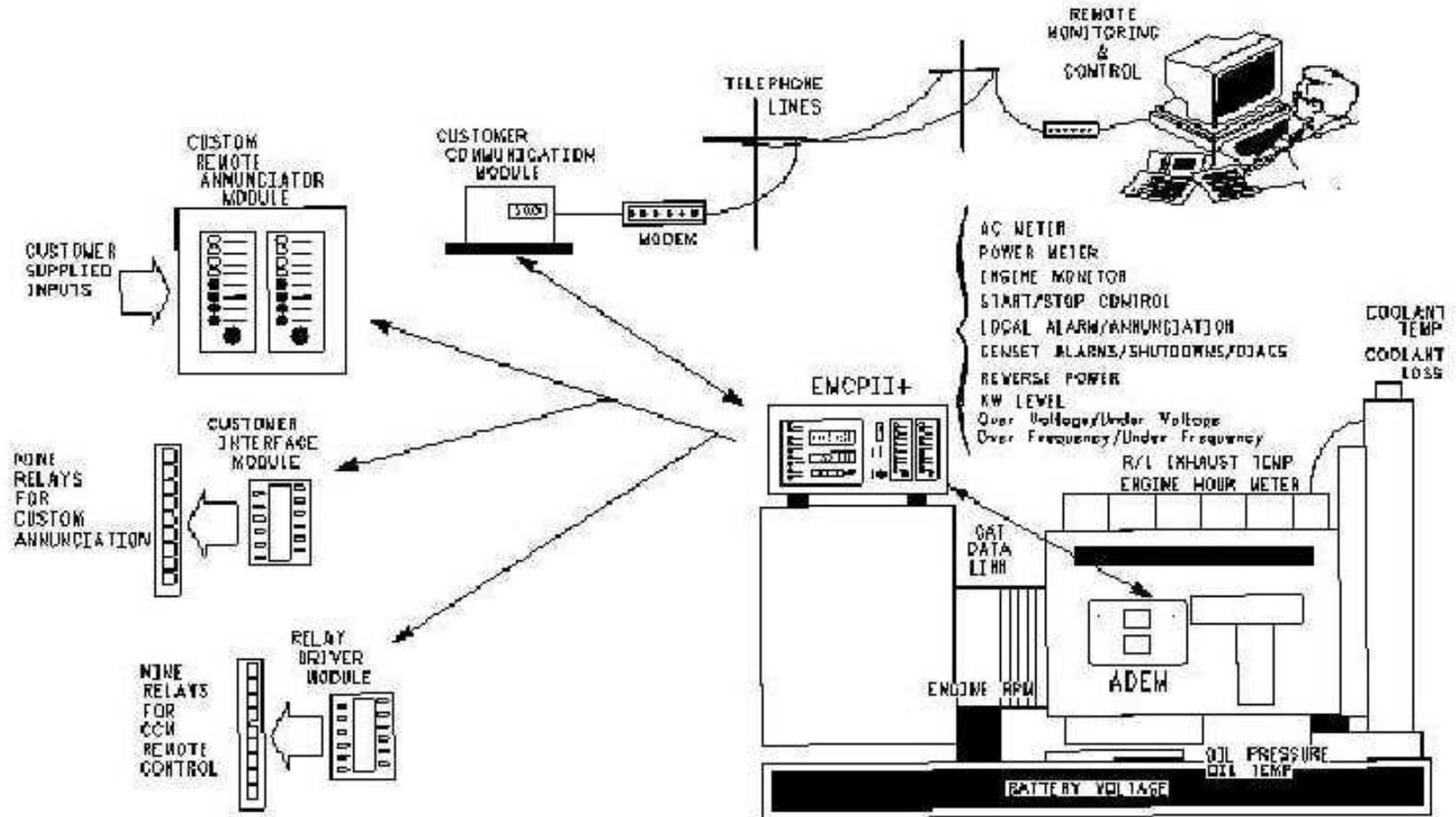


2. Panel de control EMCPII+

- **Descripción**
- **Modos de operación**
- **Programación de parámetros**
- **Programación de protecciones**
- **Verificación de protecciones del motor**
- **Programación de entradas y salidas**

EMCPII+



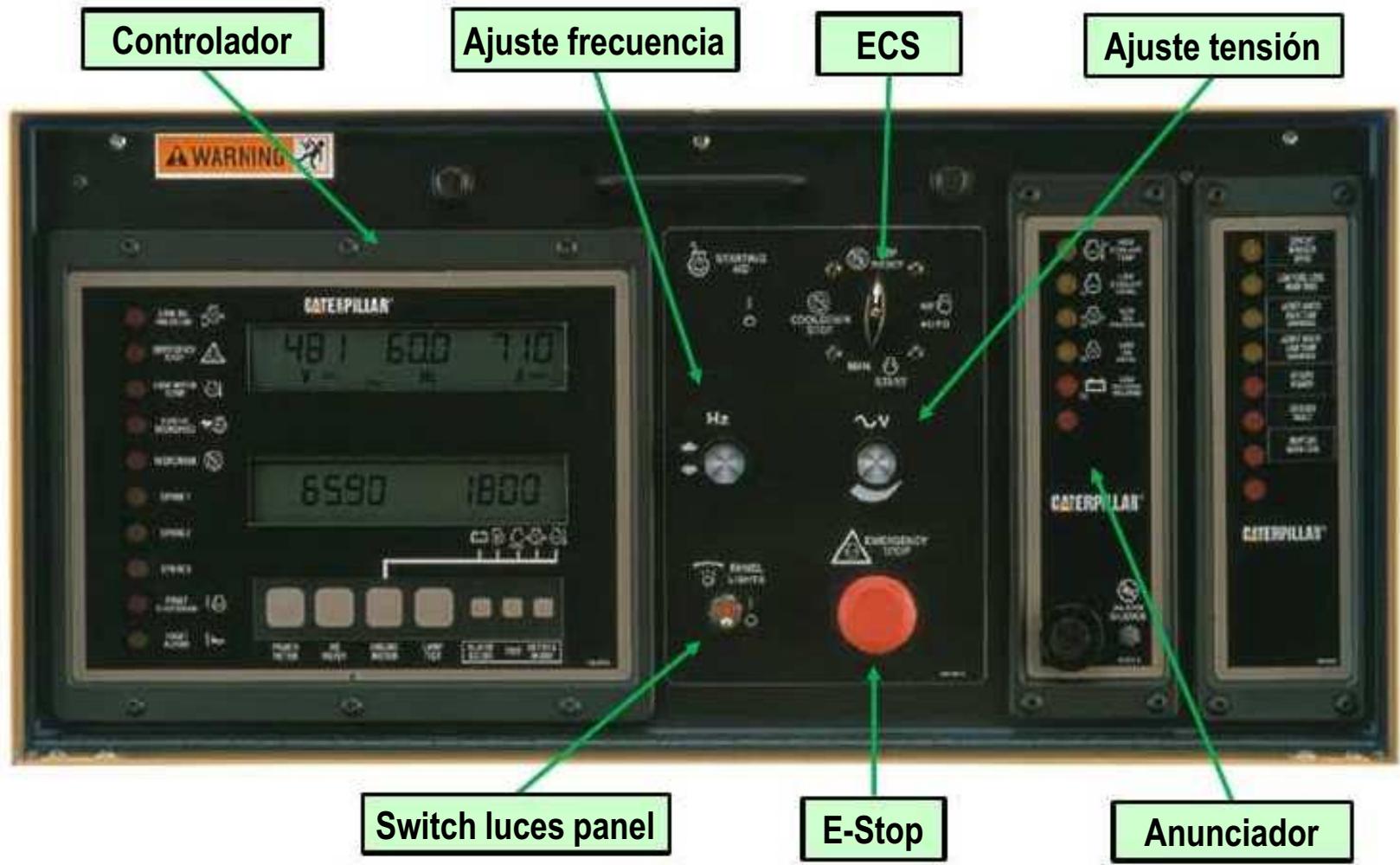
Descripción

Conformado por:

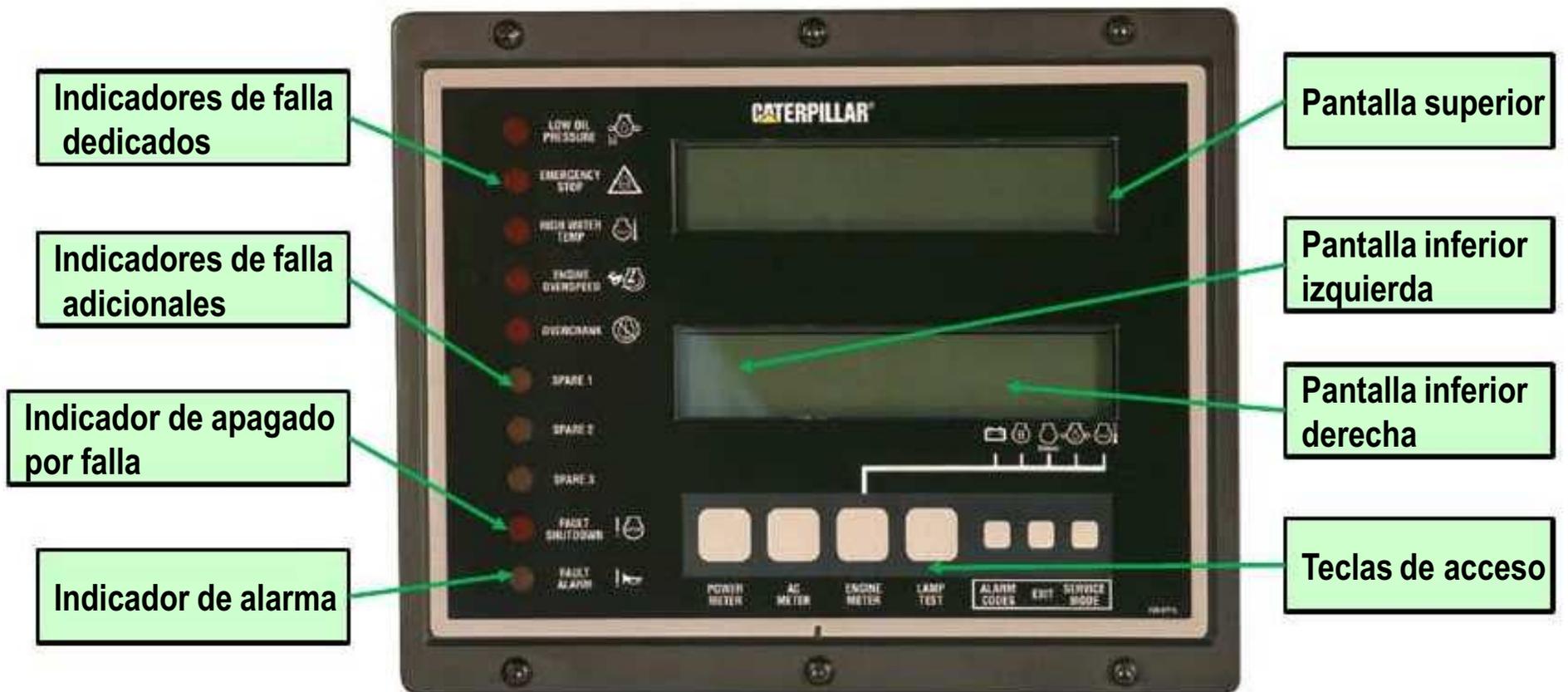
- Controlador
- Switches
- Botones
- Potenciómetros
- Anunciador local



Componentes

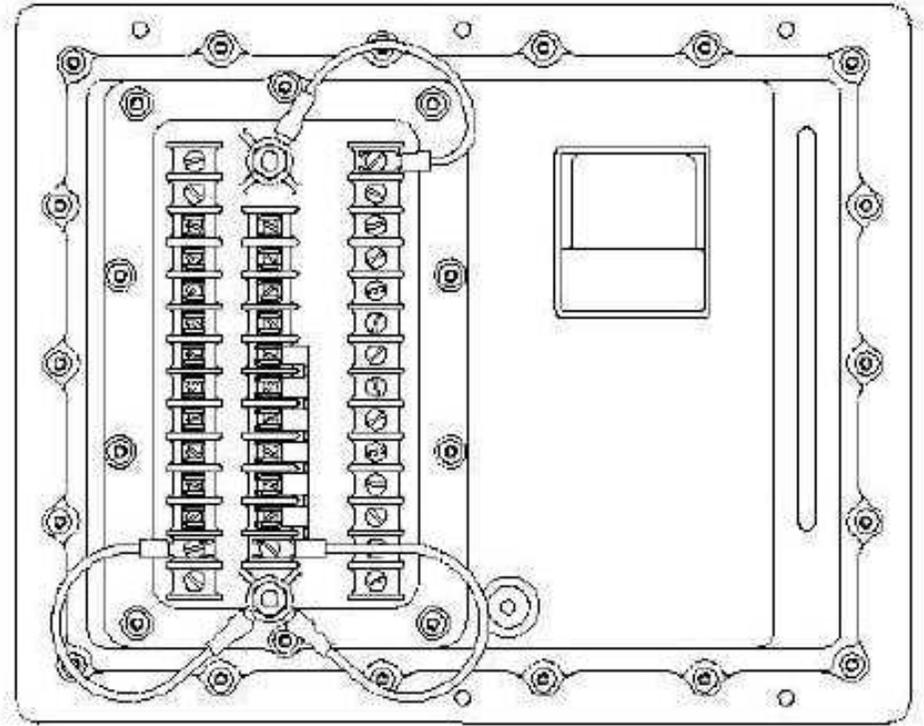


Controlador



Relés de salida

- Ubicados en la parte trasera del controlador
- No son removibles
- Si un relé falla se debe reemplazar el módulo completo



Códigos de diagnóstico

Diagnostic Fault Codes ¹	
CID No. / FMI No.	Description
CID 100 - Engine Oil Pressure Sensor:	
FMI 2	Signal out of range.
FMI 3	Signal too high.
FMI 4	Signal too low.
CID 110 - Engine Coolant Temperature Sensor:	
FMI 2	Signal out of range.
FMI 3	Signal too high.
FMI 4	Signal too low.
CID 111 - Engine Coolant Loss Sensor:	
FMI 3	Signal too high.
CID 168 - Battery Voltage:	
FMI 3	Voltage too high.
FMI 4	Voltage too low.
CID 175 - Engine Oil Temperature Sensor:	
FMI 2	Signal out of range.
FMI 3	Signal too high.
FMI 4	Signal too low.
CID 190 - Engine Magnetic Pickup (MPU):	
FMI 2	Signal out of range.
FMI 3	Signal too high.
CID 248 - CAT Data Link:	
FMI 9	Abnormal update.

CID 268 - GSC+ Internal Memory:	
FMI 2	Signal out of range.
CID 269 - Sensor Power Supply:	
FMI 3	Voltage too high.
FMI 4	Voltage too low.
CID 333 - Alarm Module (ALM):	
FMI 3	Signal too high.
FMI 4	Signal too low.
CID 334 - Spare Output:	
FMI 3	Signal too high.
FMI 4	Signal too low.
CID 336 - Engine Control Switch (ECS):	
FMI 2	Undefined state.
CID 441 - Electronic Governor Relay (EGR):	
FMI 12	Faulty component.
CID 442 - Generator Fault Relay (GFR):	
FMI 12	Faulty component.
CID 443 - Crank Termination Relay (CTR):	
FMI 12	Faulty component.

Códigos de diagnóstico

Diagnostic Fault Codes ¹ (Continued)	
CID No. / FMI No.	Description
CID 444 - Starting Motor Relay (SMR):	
FMI 12	Faulty component.
CID 445 - Run Relay (RR):	
FMI 12	Faulty component.
CID 446 - Air Shutoff Relay (ASR):	
FMI 12	Faulty component.
CID 447 - Fuel Control Relay (FCR):	
FMI 12	Faulty component.
CID 448 - Programmable Spare Relay (PSR):	
FMI 12	Faulty component.
CID 475 - Relay Driver Module Data Link:	
FMI 3	Signal too high.
FMI 4	Signal too low.
CID 500 - Generator Set Control:	
FMI 12	Faulty component.
CID 566 - Unexpected Shutdown:	
FMI 7	Faulty mechanical response.
CID 590 - Engine Electronic Control Module:	
FMI 9	No response.
CID 770 - CCM Data Link:	
FMI 9	Abnormal update.
CID 859 - kW Level Output:	
FMI 3	Signal too high.
FMI 4	Signal too low.

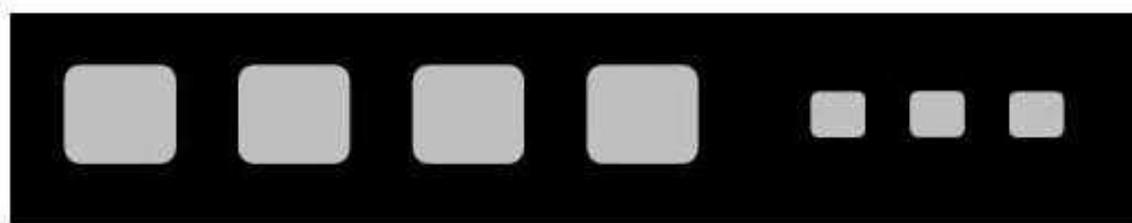
¹ For troubleshooting, see the procedure with the same CID And FMI No.

Modos de servicio

OP1	Fault log viewing	OP6	Spare Input/Output programming
OP2-0	Engine/Generator setpoint viewing	OP7	Hourmeter programming ⁽¹⁾
OP2-1	Protective relaying setpoint viewing	OP8	Voltmeter/Ammeter programming
OP2-2	AC factory calibration setpoint viewing	OP9	Engine setpoint verification
OP3	Password entry	OP10	AC offset adjustment
OP4	Fault log clearing		
OP5-0	Engine/Generator programming		
OP5-1	Protective relaying programming		

⁽¹⁾ OP7 is not available for EUI engines.

Navegación



PHASE
SELECT

ENGINE
METER

LAMP
TEST

ALARM
CODE

EXIT

SERVICE
MODE

SCROLL
RIGHT

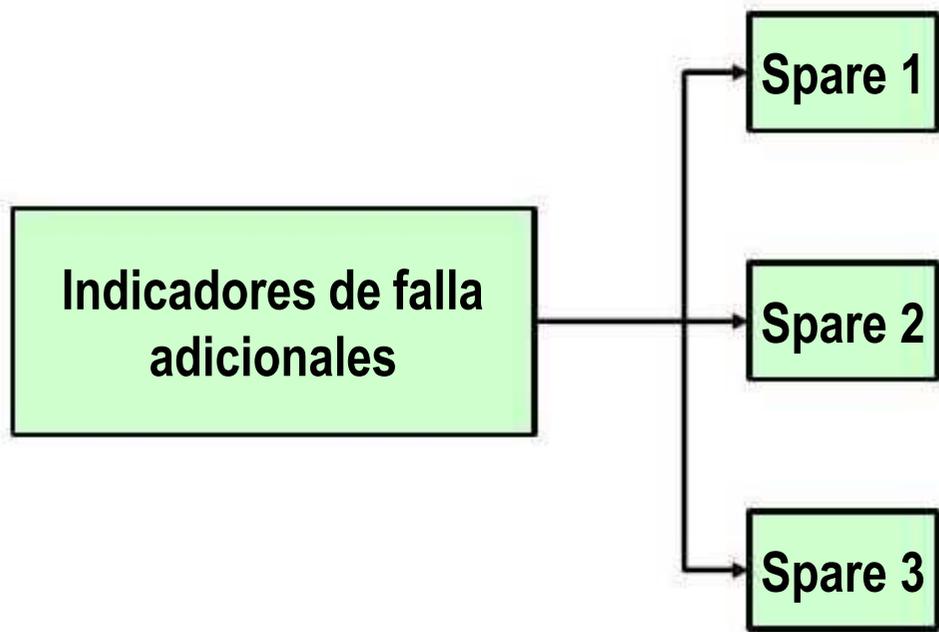
SCROLL
UP

SCROLL
DOWN

SELECT

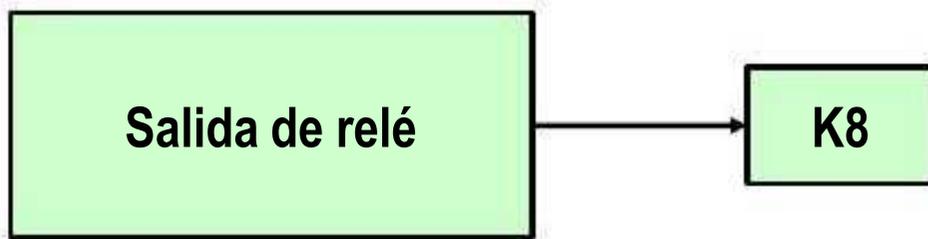
ENTER

Entradas/Salidas - Menú OP6



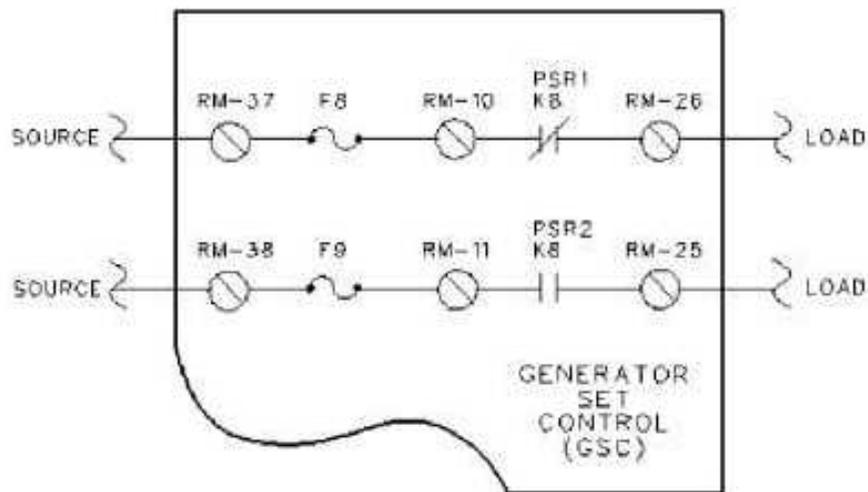
Condición de disparo
(SP17,SP18,SP19)

Entradas/Salidas - Menú OP6



Estado activo

- Alto o bajo
- (SP15)



Condición de disparo

- Alto o bajo
- (SP16)