

ELECTRICAL EQUIPMENT – MANUAL CONTROL PANELS



1-MANUAL ANALOGUE (OPTIONAL)

GBA 7 / 12/ 17L Open set
GBA 14d Open set



2-MANUAL ANALOGUE

GBW15 / 22 d-y-p
GBW 30 / 45y-p Open



3-MANUAL ANALOGUE

GSW 15 / 22p-y-d Soundproof
GSL 22 / 30 / 42d Soundproof
GSW 30 / 45y-p Soundproof



4-MANUAL ANALOGUE

GSL 65d Soundproof
GSW 80 / 110 / 145 / 150 / 170 / 195 / 220d Soundproof
GSW 65 / 80 / 110 / 150 / 155 / 165 / 170 / 210p Soundproof



5-MANUAL ANALOGUE FULL OPTION (UNDER REQUEST)

GSW/GSL/G5W all range up to 220 Openset and Soundproof



6-MANUAL DIGITAL

GS 22 / 30 / 42 / 65d Open set
GS 30 / 42d Open set
GSW 80 / 110 / 145 / 150 / 170 / 195 / 220d Open set
GSW 65 / 80 / 110p Open set

| | 1 | 2 | 3 | 4 | 5 | 6 |
|--|--------------------------|--------------------------|--|--------------------------|--|---|
| EQUIPMENT | | | | | | |
| ENGINE PROTECTION UNIT | <input type="checkbox"/> | ● | ● | ● | ● | ● |
| DC DISCONNECTION DEVICE | ● | ● | ● | ● | ● | ● |
| STARTING | KEY | KEY | KEY | KEY | KEY | KEY |
| MAINS VOLTAGE | - | - | - | - | - | - |
| GENSET VOLTAGE (3 PHASES SENSING) | - | - | - | - | ● | ● |
| GENSET VOLTAGE (1 PHASE SENSING) | ● | ● | ● | ● | - | - |
| GENSET INTENSITY (3 PHASES SENSING) | - | - | - | - | ● | ● |
| GENSET INTENSITY (1 PHASE SENSING) | - | ● | ● | ● | - | - |
| FREQUENCY METER | - | - | - | - | ● | ● |
| HOURMETER | ● | ● | ● | ● | ● | ● |
| BATTERY VOLTAGE AND INTENSITY | - | - | - | - | - | ● [ONLY VOLTAGE] |
| SPEED | - | - | - | - | - | ● |
| POWER (KVA, KW, KVAR, cosφ) | - | - | - | - | - | - [only KVA] |
| FUEL LEVEL | - | - | - | - | ● | ● |
| ENGINE TEMPERATURE | - | - | - | - | ● | ● [NOT AVAILABLE ON G5A42/65] |
| OIL PRESSURE INDICATOR | - | - | - | - | ● | - [standard FROM G5W195] |
| ALARMS & SHUTDOWNS | | | | | | |
| GENERATOR VOLTAGE OUT OF LIMITS | - | - | - | - | - | <input type="checkbox"/> |
| OVER-LOAD | - | - | - | - | - | <input type="checkbox"/> |
| BATTERY CHARGER ALTERNATOR FAILURE | ● [shutdown optional] | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | - |
| BATTERY VOLTAGE OUT OF LIMITS | - | - | - | - | - | ● |
| FREQUENCY OUT OF LIMITS | - | - | - | - | - | <input type="checkbox"/> |
| LOW FUEL LEVEL | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| LOW OIL PRESSURE | ● [shutdown optional] | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| HIGH ENGINE TEMPERATURE | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| LOW COOLANT LEVEL | - | - | - | - | <input type="checkbox"/> [ON G5W80/150/195/220] | <input type="checkbox"/> [ON G5W80/150/195/220] |
| FAIL TO START | - | - | - | - | - | ● |
| EXTERNAL SHUTDOWN | <input type="checkbox"/> | ● | ● | ● | ● | ● |
| PROTECTION DEVICES | | | | | | |
| III POLES CIRCUIT BREAKER | ● | ● | ● | ● | ● | ● |
| IV POLES CIRCUIT BREAKER | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> [STANDARD BELLOW 60kvas] |
| DIFFERENTIAL PROTECTION | - | ● | ● | ● | ● | ● |
| INSULATION MONITORING | - | - | - | - | - | - |
| EMERGENCY STOP BUTTON | <input type="checkbox"/> | ● | ● | ● | ● | ● |
| OTHER FEATURES | | | | | | |
| ACUSTIC ALARM | - | - | - | - | - | - |
| PHASE DETECTOR | - | - | - | - | - | - |
| BATTERY CHARGER | - | - | - | - | - | - |
| CANBUS COMMUNICATION | - | - | - | - | - | - |
| RS232 COMMUNICATION PORT | - | - | - | - | - | - |
| GSM COMMUNICATION DEVICE | - | - | - | - | - | - |
| RS485 / ETHERNET COMMUNICATION PORT | - | - | - | - | - | - |
| EXTERNAL TERMINAL BOARD FOR LOAD CONNECTION | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | - |
| TERMINALS FOR AN EXTERNAL PANEL CONNECTION (LTS) | - | - | - | - | - | - |
| LOW POTENTIAL SIGNALIZATION RELAY CARD | - | - | - | - | - | - |
| EXTERNAL START/STOP CAPABILITY | <input type="checkbox"/> | - | <input type="checkbox"/> [NOT AVAILABLE ON G5W15-22] | <input type="checkbox"/> | <input type="checkbox"/> [NOT AVAILABLE ON G5W15-22] | <input type="checkbox"/> |
| BATTERY CHARGER OUTPUT | - | - | - | - | - | - |
| TERMINALS FOR GENSET CUBICLE CONNECTION | - | - | - | - | - | - |
| CHANGEOVER CONTACTORS WITH INTERLOCK | - | - | - | - | - | - |
| 5 METERS CONTROL WIRING | - | - | - | - | - | - |
| SOCKETS | | | | | | |
| Schuko socket | - | 1 x Schuko 230V | 1 x Schuko 230V | <input type="checkbox"/> | <input type="checkbox"/> [ONLY SOUNDPROOF SETS] | - |
| Single phase CEE socket | 1 x 230V 2P+T CE. | 2 x 230V 2P+T CE. | 2 x 230V 2P+T CE. | <input type="checkbox"/> | <input type="checkbox"/> [ONLY SOUNDPROOF SETS] | - |
| Three phase CEE socket | 1 x 400V 3P+N+T CE. | 2 x 400V 3P+N+T CE. | 2 x 400V 3P+N+T CE. | <input type="checkbox"/> | <input type="checkbox"/> [ONLY SOUNDPROOF SETS] | - |

* Different versions available

- STANDARD EQUIPMENT
- ALSO WITH SHUTDOWN PROTECTION
- OPTIONAL EQUIPMENT
- NOT AVAILABLE



7-AUTOMATIC DIGITAL

GBW15 / 22 d-y-p
GBW 30 / 45y-p Open set



8-AUTOMATIC DIGITAL

GSW 15 / 22p-y-d Soundproof
GSW 22 / 30 / 42d Open set and soundproof
GSW 30 / 45y-p Soundproof



9-AUTOMATIC DIGITAL

GSW 22 / 30 / 42 / 65d Open set
GSW 65d Open set and soundproof
GSW 80/110/145/150/170/195/220d
Open set and soundproof
GSW 65/80/110/150/155/165/170/210p



10-AUTOMATIC DIGITAL

GSW 275 / 530 / 560d Open set and soundproof
GSW 275/330/415/450/510/560/590/630v
Open set and soundproof
GSW5 10 / 570 / 660 / 730m Open set and soundproof



11-AMF DIGITAL

GBA 7L/12L/17L Open set / GBA14d Open set
Portable generators (S and P series)



12-AMF DIGITAL

GBW/65A/GSL/G5W all range up to 220
Open set and Soundproof



13-AMF DIGITAL

GSW 275 / 530 / 560d
GSW 275/330/415/450/510/560/590/630v
GSW510/570/660/730m
Open set and soundproof



14-LTS (LOAD TRANSFER SWITCH PANEL)

All ACP range

7 8 9 10 11 12 13 14

| EQUIPMENT | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|--|------------|--------------|---|--------------------------|------------|---|------------|----|
| ENGINE PROTECTION UNIT | ● | ● | ● | ● | ● | ● | ● | - |
| DC DISCONNECTION DEVICE | ● | ● | ● | ● | ● | ● | ● | - |
| STARTING | PUSHBUTTON | PUSHBUTTON | PUSHBUTTON | PUSHBUTTON | PUSHBUTTON | PUSHBUTTON | PUSHBUTTON | - |
| MAINS VOLTAGE | ● | ● | ● | ● | ● | ● | ● | - |
| GENSET VOLTAGE (3 PHASES SENSING) | ● | ● | ● | ● | - | ● | ● | - |
| GENSET VOLTAGE (1 PHASE SENSING) | - | - | - | - | ● | - | - | - |
| GENSET INTENSITY (3 PHASES SENSING) | - | ● | ● | ● | - | ● | ● | - |
| GENSET INTENSITY (1 PHASE SENSING) | ● | - | - | - | ● | - | - | - |
| FREQUENCY METER | ● | ● | ● | ● | ● | ● | ● | - |
| HOURLMETER | ● | ● | ● | ● | ● | ● | ● | - |
| BATTERY VOLTAGE AND INTENSITY | ● | ● | ● | ● | ● | ● | ● | - |
| SPEED | ● | ● | ● | ● | - | ● | ● | - |
| POWER (KVA, KW, KVAR, cosφ) | - | ● | ● | ● | - | ● | ● | - |
| FUEL LEVEL | - | ● | ● | ● | - | ● [Not available on GB] | ● | - |
| ENGINE TEMPERATURE | - | ● [only G5L] | ● [only deutz, not on G5A42/65] | ● | - | ● [only deutz, not on GB and on G5A42/65] | ● | - |
| OIL PRESSURE INDICATOR | - | - | - [standard FROM G5W195] | ● | - | - [standard FROM G5W195] | ● | - |
| ALARMS & SHUTDOWNS | | | | | | | | |
| GENERATOR VOLTAGE OUT OF LIMITS | □ | □ | □ | □ | □ | □ | □ | - |
| OVER-LOAD | □ | □ | □ | □ | □ | □ | □ | - |
| BATTERY CHARGER ALTERNATOR FAILURE | □ | □ | □ | □ | □ | □ | □ | - |
| BATTERY VOLTAGE OUT OF LIMITS | ● | ● | ● | ● | ● | ● | ● | - |
| FREQUENCY OUT OF LIMITS | □ | □ | □ | □ | □ | □ | □ | - |
| LOW FUEL LEVEL | - | □ | □ | □ | - | □ [not available on GB] | □ | - |
| LOW OIL PRESSURE | □ | □ | □ | □ | □ | □ | □ | - |
| HIGH ENGINE TEMPERATURE | □ | □ | □ | □ | □ | □ | □ | - |
| LOW COOLANT LEVEL | - | □ | □ [ON G5W65/80/150/195/220] | □ | - | □ [ON G5W65/80/150/195/220] | □ | - |
| FAIL TO START | ● | ● | ● | ● | ● | ● | ● | - |
| EXTERNAL SHUTDOWN | ● | ● | ● | ● | ● | ● | ● | - |
| PROTECTION DEVICES | | | | | | | | |
| III POLES CIRCUIT BREAKER | ● | ● | ● | ● | - | - | - | - |
| IV POLES CIRCUIT BREAKER | - | □ | □ | □ | - | - | - | - |
| DIFFERENTIAL PROTECTION | ● | ● | ● | ● | - | - | - | - |
| INSULATION MONITORING | - | - | - | - | - | - | - | - |
| EMERGENCY STOP BUTTON | ● | ● | ● | ● | ● | ● | ● | ● |
| OTHER FEATURES | | | | | | | | |
| ACUSTIC ALARM | - | ● | ● | ● | ● | ● | ● | - |
| PHASE DETECTOR | ● | ● | ● | ● | ● | ● | ● | - |
| BATTERY CHARGER | ● | ● | ● | ● | ● | ● | ● | - |
| CANBUS COMMUNICATION | - | - | - [ON G5W150/195/220 G Perkins from G5W110] | ● | - | - [ON G5W150/195/220] | ● | - |
| RS232 COMMUNICATION PORT | □ | ● | ● | ● | - | ● | ● | - |
| GSM COMMUNICATION DEVICE | - | □ | □ | □ | - | □ | □ | - |
| RS485 / ETHERNET COMMUNICATION PORT | - | □ | □ | □ | - | □ | □ | - |
| EXTERNAL TERMINAL BOARD FOR LOAD CONNECTION | - | □ | □ | ● | - | - | - | - |
| TERMINALS FOR AN EXTERNAL PANEL CONNECTION (LTS) | ● | ● | ● | ● | - | - | - | - |
| LOW POTENTIAL SIGNALIZATION RELAY CARD | - | □ | □ | □ | - | - | - | - |
| EXTERNAL START/STOP CAPABILITY | ● | ● | ● | □ | ● | ● | ● | - |
| BATTERY CHARGER OUTPUT | - | - | - | - | - | - | - | - |
| TERMINALS FOR GENSET CUBICLE CONNECTION | - | - | - | - | ● | ● | ● | ● |
| CHANGEOVER CONTACTORS WITH INTERLOCK | - | - | - | - | ● | ● | ● | ● |
| 5 METERS CONTROL WIRING | - | - | - | - | ● | ● | ● | ● |
| SOCKETS | | | | | | | | |
| Schucko socket | - | □ | □ | □ [ONLY SOUNDPROOF SETS] | - | - | - | - |
| Single phase CEE socket | - | □ | □ | □ [ONLY SOUNDPROOF SETS] | - | - | - | - |
| Three phase CEE socket | - | - | □ | □ [ONLY SOUNDPROOF SETS] | - | - | - | - |

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- ALSO WITH SHUTDOWN PROTECTION
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