

Control Panels

Standard Specifications

All Models Except MIDI

Features	BC 701	BC 704	BC 5110	BC 5310	BC 5320	BC 5510	BC 5520
Deep Sea Control Module							
701 Key Start	●						
704 Auto Start		●					
5110 Digital Auto Start			●				
5310 Digital Auto Start PM				●			
5320 Digital Auto Mains Failure PM					●		
5510 Digital - Set-Set Synchronisation ①						●	
5520 Digital - Single Set-Mains Synch. ①							●
5560 Module - Multi Set-Mains Synch. ①						○	
Engine Instruments							
Coolant Temperature - Analogue	●	●					
Lub. Oil Pressure - Analogue	●	●					
Lub. Oil Temperature - Analogue ②	○	○	○	○	○	○	○
Engine Hours Counter - Analogue	●	●					
Battery Charge Amps - Analogue	●	●					
Coolant Temperature - Digital			●	●	●	●	●
Lub. Oil Pressure - Digital			●	●	●	●	●
Lub. Oil Temperature - Digital ③				●	●	●	●
Engine Hours Counter - Digital			●	●	●	●	●
Battery Charge Amps - Digital				●	●	●	●
Battery Volts - Digital			●	●	●	●	●
Engine Protection							
Low Oil Pressure Shutdown	●	●	●	●	●	●	●
Low Oil Pressure Pre-Alarm				●	●	●	●
High Oil Temp Shutdown (incl. gauge) ②③	○	○	○	○	○	○	○
High Water Temperature Shutdown	●	●	●	●	●	●	●
High Water Temperature Pre-Alarm				●	●	●	●
Low Coolant Level Shutdown ④	○	○	○	○	○	○	○
Low Fuel Level Shutdown (incl. volt free ct)	○	○	○	○	○	○	○
Fuel Leak Detection (with tank bund only)	○	○	○	○	○	○	○
Underspeed		●	●	●	●	●	●
Overspeed	●	●	●	●	●	●	●
Cool Down Timer		●	●	●	●	●	●
Fail To Start Indication		●	●	●	●	●	●
Charge Alternator Fail Warning	●	●	●	●	●	●	●
Charge Alternator Fail (volt free contact)			○	○	○	○	○
Generator Instruments							
Voltmeter - Analogue	●	●					
7-Position Voltmeter Selector Switch	●	●					
4-Position Voltmeter Selector Switch							
Ammeter - Analogue	●	●					
4 Position Ammeter Selector Switch	●	●					
Frequency Meter - Analogue	●	●					
kW Meter - Analogue	○	○					
Voltmeter - Digital			●	●	●	●	●
Ammeter - Digital			●	●	●	●	●
Frequency Meter - Digital			●	●	●	●	●
kW, kVA, pf - Digital				●	●	●	●
Generator Protection							
Under Volts (shutdown)		○	○	●	●	●	●
Over Volts (shutdown)		○	○	●	●	●	●
Over Current (warning or shutdown)				●	●	●	●
Circuit Breaker Trip (shutdown)	○	○	○	○	○	○	○
Other Key Features							
Emergency Stop	●	●	●	●	●	●	●
SAE J1939 CANBus Interface ③				●	●	●	●
Telemetry Facility				●	●	●	●
Telemetry Active (volt free contact)				○	○	○	○
Integrated Mains Monitoring		○			●		●
Common Alarm (volt free contact)		○	○	○	○	○	○
Generator Running (volt free contact)	○	○	○	○	○	○	○
System In Auto (volt free contact)		○	○	○	○	○	○
Battery Charger	○	○	○	○	○	○	○
Battery Charger Fail (volt free contact)	○	○	○	○	○	○	○
Engine Heater & Controls	○	○	○	○	○	○	○
Anti-condensation Panel Heater	○	○	○	○	○	○	○
Number of auxiliary inputs/outputs	1 / -	* 2 / 2	5 / 3	6 / 3	6 / 3	9 / 5	9 / 5

- ① Please refer to Guidelines - Synchronising Systems
 ② Not available on BCV (Volvo)
 ③ Standard on engines with J1939 CANBus interface only.
 ④ Standard on BCD (Deutz)

- Standard Equipment ○ Available as an Option
 * One auxiliary input dedicated to Emergency Stop.
 NB: If the number of protection options exceeds the number of available inputs, discreet fault indications cannot be provided.