

FinScan

Marine Biometrics



Bio eStart

Patent pending

SOLO | DUO | TRIO

Introducing the FinScan range of innovative fingerprint ignition controllers. Designed tough for marine engine installations, inboard and outboard. Our keyless technology will ensure safe, stylish and reliable engine starting, without a key in sight.



FEATURES

EASY operation - touch start and stop

ENJOY the convenience of NO KEYS, nothing to remember but your finger

SAFETY mode with integrated blower control and fume detection for gasoline engines. Prevents accidental bilge explosions

PLUG and PLAY engine harnesses for most engines

ZERO POWER consumption automatically after 3 minutes of engine shutdown. Conserves battery power when not in use

BACKLIGHT for night time use



www.finscan.com.au

Fingerprint ENGINE STARTING
With a touch

Bio eStart Solo Datasheet



General Specifications	
Voltage	9 – 30 Volts DC
Current standby	0 mA
Current operating	250mA
Fuse rating	1 A
Relay Contact Rating	10A
Fingerprint capacity	1000 templates
Fingerprint sensor	Capacitive
RF frequency	433 MHZ
RF Code	Rolling code
Operating temperature	-20°C to 70°C
Harnessing	Tinned copper marine grade
Fixings	316 stainless steel
Plastics	UV stable
Interconnect method	Deutsch DT series
Fume detector Alarm trigger	20% lower explosive level
Control	One engine
Compatibility	Volvo Penta EVC , Mercury SmartCraft, + More
Head Unit	
IP Rating	IP64
Dimensions	64mm x 81mm x 40mm
Ignition Control Unit	
IP Rating	IP64
Dimensions	136mm x 85mm x 41mm

Bio eStart Duo Datasheet



General Specifications	
Voltage	9 – 30 Volts DC
Current standby	0 mA
Current operating	285mA
Fuse rating	1.5 A
Relay Contact Rating	10A
Fingerprint capacity	1000 templates per engine
Fingerprint sensor	Capacitive
RF frequency	433 MHZ
RF Code	Rolling code
Operating temperature	-20°C to 70°C
Harnessing	Tinned copper marine grade
Fixings	316 stainless steel
Plastics	UV stable
Interconnect method	Deutsch DT series
Fume detector Alarm trigger	20% lower explosive level
Control	Two engines
Compatibility	Volvo Penta EVC , SmartCraft, MAN ,Caterpillar + More
Head Unit	
IP Rating	IP64
Dimensions	142mm x 79mm x 40mm
Ignition Control Unit	
IP Rating	IP64
Dimensions	176mm x 85mm x 41mm

Bio eStart Trio Datasheet



General Specifications	
Voltage	9 – 30 Volts DC
Current standby	0 mA
Current operating	320mA
Fuse rating	1.5 A
Relay Contact Rating	10A
Fingerprint capacity	1000 templates per engine
Fingerprint sensor	Capacitive
RF frequency	433 MHZ
RF Code	Rolling code
Operating temperature	-20°C to 70°C
Harnessing	Tinned copper marine grade
Fixings	316 stainless steel
Plastics	UV stable
Interconnect method	Deutsch DT series
Control	Three engines
Compatibility	Volvo Penta EVC , SmartCraft, MAN ,Caterpillar + More
Head Unit	
IP Rating	IP64
Dimensions	142mm x 79mm x 40mm
Ignition Control Unit	
IP Rating	IP64
Dimensions	176mm x 85mm x 41mm