Powercentre

data sheet	P2000
issue date	10/10/13

data sheet single engine two battery bank split charge system

12 volt …. P2000 part number …. 12000-000

contactor current rating

continuous ……..... 100 amp @ 50 mV
engine start ……..... 250 amp intermittent
surge ……..…… 500 amp

operation ……..…. bi-directional split charge, standard

connect voltage ..…… 13.8V
drop-out voltage …….. 13.0V

adjustment ……..... contactor engagement and drop out

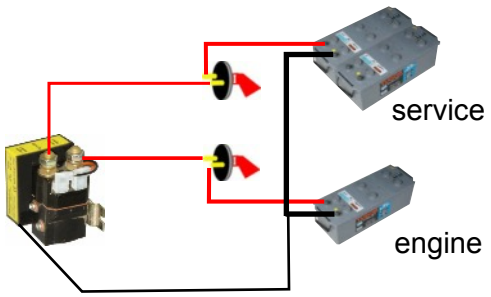
protection ……. waterproof to IP66

emergency link start … includes button to engage link start timed period.

system protection . . 3 internal PTC fuses, auto re-set

size / weight

contactor .. ……. 70 x 60 x 100 mm / 400 gms



standard pre-fitted options

contact drop-out with engine starter motor operation …. to protect solar panel and secondary charge systems from high current.

emergency link start ….. allows engine to be started from service battery bank, timed engagement, remote switch on display.

split charge contactor

The system employs heavy duty contactors, these carry far higher loads than typical VSR relays, making them ideal for emergency engine starting. They also feature a high fault current rupture rating (150 amp to UL508), allowing the disconnection of high current loads at low voltage. The contacts are sealed to IP66, making them suitable for operation in a marine environment, protecting contacts from corrosion and avoiding flash from open contactor units.

emergency link start engages the contacts allowing the engine to be started from the service bank, if the engine battery has a low capacity.

operating voltage settings

Units are supplied normally set to standard voltages, we are happy to set modules to customer requirements, or they can be adjusted on site.

options to order

contact rating …….. 350 amp
coil voltages ……24 volt DC to 48 volt DC

single voltage sense ….. only monitors one contactor terminal, not bi-directional operation.

Kddpowercentre, TR11 5TT phone 01326 376938 web www.kddpowercentre.co.uk

Powercentre

data sheet	P2030
issue date	10/10/13

data sheet single engine two battery bank split charge system

12 volt …. P2030 part number …. 12030-000

24 volt …. P2040 part number …. 12040-000

contactor current rating

continuous ……..... 200 amp @ 40 mV / contact / 100 A
engine start ……..... 400 amp intermittent
surge ……..…… 800 amp

operation ……..…. bi-directional split charge, standard

connect voltage ..…… 13.8V / 27.6V
drop-out voltage …….. 13.0V / 26.0V

adjustment ……..... contactor engagement and drop out

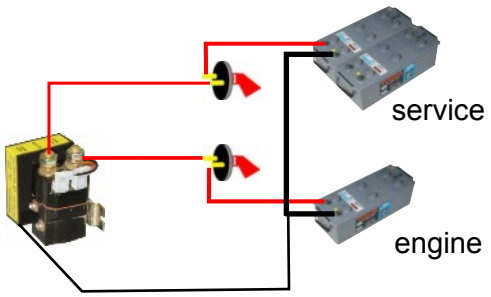
protection ……. waterproof to IP66

emergency link start … includes button to engage link start timed period.

system protection . . 3 internal PTC fuses, auto re-set

size / weight

contactor .. …… 70 x 60 x 100 mm / 500 gms



standard pre-fitted options

contact drop-out with engine starter motor operation …. to protect solar panel and secondary charge systems from high current.

emergency link start ….. allows engine to be started from service battery bank, timed engagement, remote switch on display.

split charge contactor

The system employs heavy duty contactors, these carry far higher loads than typical VSR relays, making them ideal for emergency engine starting. They also feature a high fault current rupture rating (300 amp to UL508), allowing the disconnection of high current loads at low voltage. The contacts are sealed to IP66, making them suitable for operation in a marine environment, protecting contacts from corrosion and avoiding flash from open contactor units.

emergency link start engages the contacts allowing the engine to be started from the service bank, if the engine battery has a low capacity.

operating voltage settings

Units are supplied normally set to standard voltages, we are happy to set modules to customer requirements, or they can be adjusted on site.

options to order

contact rating …….. 100 and 350 amp

coil voltages ……12 volt DC to 48 volt DC

single voltage sense ….. only monitors one contactor terminal, not bi-directional operation.