



ISO8528

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SZUTEST

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CE

2000/14/EC

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% z) \$ z' % \$ D:

|              | kw | "    | kw | "    | Amp   |
|--------------|----|------|----|------|-------|
| 230 Monofaze |    | 9,60 |    | 8,80 | 38,00 |

fP GDE

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Standard Specifications

ALTERNATOR

TRANSFER SWITCH

|                                      |        |           |
|--------------------------------------|--------|-----------|
| Manufacturer                         |        | Aksa      |
| Model                                |        | A2CRX08   |
|                                      | L      | 0,794     |
|                                      | "      | 80X79     |
|                                      |        | 24:1      |
|                                      | fl # ı | "# "      |
|                                      |        | 3000      |
|                                      | fl "ı  | L         |
|                                      |        | 2,30      |
|                                      |        | L         |
|                                      |        | 6,40      |
| AbsorbedAirDischargeReSourceKey.Text | ' # "  | 1,00      |
|                                      | ' # "  | 48,00     |
| fl ' # "ı                            | ' # "  | 2,07      |
|                                      | ° C    | 600,00    |
|                                      |        | 12 V d.c. |
|                                      | Load   | %%\$ı     |
|                                      | # "    |           |
|                                      |        | 4,00      |

|     |      |           |
|-----|------|-----------|
|     |      | Mecc Alte |
|     | Hz   | 50        |
|     | kw   | 10,00     |
| 7cg |      | 1,00      |
|     |      | 1         |
|     | fl ı | 230       |

|           |     |       |     |       |       |
|-----------|-----|-------|-----|-------|-------|
|           |     | fl "ı |     | fl "ı |       |
|           | "   | "     | "   | "     | L     |
| APD 12 EM |     |       |     |       | 15,00 |
|           |     | fl "ı |     | fl "ı |       |
|           | "   | "     | "   | "     | L     |
| AK 01     | 231 | 1160  | 730 | 850   | 15    |

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- 1 Main Status and instrumentation display
- 2 Menu navigation buttons
- 3 Auto mode
- 4 Manual mode / start button
- 5 Reset/Stop button

1 DSE, model 4520 auto mains failure control module.  
Static battery charger.  
Emergency stop push button and fuses for control circuits.

2 Components installed in sheet steel enclosure. Phosphate chemical, pre-coating of steel provides corrosion resistant surface. Polyester composite powder topcoat forms high gloss and extremely durable finish. Lockable hinged panel door provides for easy component access.

3 Control panel is mounted generating set baseframe on robust steel stand or power module.  
Located at side of generating set with properly panel visibility.

4 The DSE 4520 control module is a standard addition to our generator sets between 10kva and 20kva and it has been designed to start and stop diesel generating sets that include electronic and non electronic engines. The DSE 4520 includes the additional capability of being able to monitor a mains (utility) supply and is therefore suitable for controlling a standby generating set in conjunction with an automatic transfer switch. The DSE4520 also indicates operational status and fault conditions, automatically shutting down the generating set and indicating faults by means of its LCD display on the front panel.

- \*Microprocessor controlled.
- \*LCD display makes information easy to read.
- \*Front panel programming and also via PC software.
- \*Soft touch membrane keypad and two key menu navigation.
- \*Event logging (15) showing date and time.
- \*Date and time engine exercise mode and maintenance scheduler.
- \*Control buttons; stop, manual/start, auto, menu navigation.

- ENGINE
  - Engine speed
  - Oil pressure
  - Coolant temperature
  - Run time
  - Battery volts
  - Engine maintenance due
- GENERATOR
  - Voltage (L-L, L-N)
  - Current (L1-L2-L3)
  - Frequency
  - kVA
  - kW
  - Pf
  - kVAr
  - kWh, kVAh, kVArh
- MAINS
  - Voltage (L-L, L-N)
  - Frequency

- WARNING
  - Charge failure
  - Battery Low/High voltage
  - Fail to stop
  - Low fuel level (opt.)
  - Over current
- PRE-ALARMS
  - Low oil pressure
  - High engine temperature
  - Over /Under speed
  - Under/over generator frequency
  - Under/over generator voltage
  - ECU warning
- SHUT DOWNS
  - Fail to start
  - Emergency stop
  - Low oil pressure
  - High engine temperature
  - Low coolant level (opt.)
  - Over /Under speed
  - Under/over generator frequency
  - Under/over generator voltage
  - Oil pressure sensor open
- ELECTRICAL TRIP
  - Generator over current

- High oil temperature shut down
- Low fuel level shut down
- Low fuel level alarm
- High fuel level alarm

- Electrical Safety / EMC compatibility
  - BS EN 60950 Electrical business equipment
  - BS EN 61000-6-2 EMC immunity standard
  - BS EN 61000-6-4 EMC emission standard

6UHYfmVUUF[ Yf]g'a Ubi ZUM fYX'k ]h' gk ]hV]b[ !a cXY'UbX'GA 8 'HYVbc'c[ mUbX'ih\Ug'\][ \ 'YZZ]bYVW' 6UHYfmVUUF[ Yf a cXY'gf'ci hdi hJ !=VUUFUWYf]g]W]g] YfmVcgY'rc'gei UfY'UbX'ci hdi h]g) 'Ua dYfz% ž .J 'Zcf%&j' c'hUbX' &+ž' .J 'Zcf'&( 'J "' #di h% , !' &\* ( 'j' c'h57"' Dfc' ]bY' &(\$) \Ug'Z' `mci hdi hg'chVYVW]hdfchVW]cb' UbX'ihVUb' VY' i gYX'Ug'U'W' ffYbhgici fVY" Dfc' ]bY' %&\$) #&(\$) VUUF[ Yf\Ug'\][ \ 'YZZ]bYVW]cb[ ' ]Z'ž'ck' ZU]i fY' fUHYž' ][ \hk' Y][ \hUbX'ck' \YUhfUX]UHYX' ]b UWV'fXUbVW' k ]h' ]bYUf'U'HYfbU]j' Yg' H\Y' VUUF[ Yf]g'Z]HYX'k ]h' U'dfchVW]cb' X]cXY' UWV'cg' h'Y'ci hdi h'7' cbbYVWUUF[ Y'ZU] fY'UmVW' ]VYhk'YYb'dcg] ]Y'ci hdi hUbX'7: 'ci hdi h' H\YmUfY'Yei ]ddYX'k ]h' F: =Z]HYf'rc' fYXi' W' Y'YVW]W'bc]gY' fUX]UHYX' Z'ca' h'Y'XYj' ]W'"; Uj' Ub]W'`m]gc'UHYX' ]bdi hUbX'ci hdi h]m]W'`m( \_J' Zcf'\][ \ 'fY' ]UV' ]m'

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- 1 Steel structures.
- 2 Emergency stop push button.
- 3 Control panel is mounted on the canopy, including transfer switches.
- 4 Corrosion-resistant locks and hinges.
- 5 oil drain plug is on the engine
- 6 Exhaust system in the base frame.
- 7 special large access doors (marine type) for easy maintenance
- 8 Base frame -fuel tank.
- 9 Lifting Points.
- 10 the cap on the canopy provides easy access to radiator cap.

Sound-attenuated and Weather-protective Enclosures Sound-attenuated and weather protective enclosures for generating sets from Akxa, meet even the sound requirements and provide optimum protection from inclement weather and development by our specialist acoustic engineers. Our modular designed sound insulated canopies provide ease of access for servicing and general maintenance and interchangeable components permitting on-site repair. Enclosures are designed to optimize genset cooling performance, providing you with confidence that genset ratings and ambient capability.

- Compact footprint, low profile design.
- Enclosure, generator set, exhaust system and fuel tank are pre-assembled, pre-integrated and shipped as one package
- Body made from steel components treated with polyester powder coating
- Fire retardant foam insulation
- Easy access to all service points
- Exhaust system inside canopy
- Large doors on each side
- Control panel viewing window in a access door
- Emergency stop push button mounted on enclosure exterior
- Cooling fan and battery charging alternator fully guarded
- Fuel fill and battery can only be reached via access doors.
- Lifting points on the base frame
- Customer options available to meet your applications needs.
- Aksa makes its generating sets' noise level tests in accordance with directive 2000/14/EC validation of the noise level test has been approved by the notified body Szutest

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| fl "L | " | 1160 |
| fl "L | " | 850  |
|       | L | 15   |