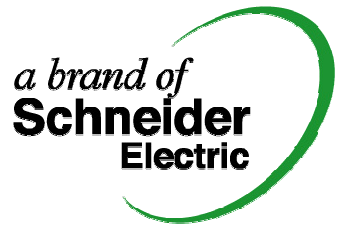


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ATV71 COMPETITORS





Summary

- I. LGIS - IS5
- II. LGIS - IH
- III. HYUNDAI - S300
- IV. FUJI - FRNG11S
- V. mitsubishi- FR-A500



Summary

- VI.** SIEMENS MM440
- VII.** ABB : ACS800
- VIII.** VACON : NXP
- IX.** DANFOSS : VLT 5000
- X.** YASKAWA : F7
- XI.** OMRON : 3G3FV
- XII.** SEW : MOVIDRIVE

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LGIS

IS5

- from 0,75 to 75 kw (400v)
- from 0,75 to 55 kw (220v)
- LCD display in option
- 7 segments LED display
- 27 functions on inputs - 21 functions on outputs
- 150 % overtorque
- Built-in braking IGBT up to 7,5kw
- 8 inputs - 2 outputs - AI
- I/O option boards
- Option for communication boards
- Option for EMC filters
- DC bus chokes in option

ATV71

- from 0,75 to 500 kw (400v)
- from 0,37 to 75 kw (220v)
- **Graphic LCD display in standard**
- 7 segments LED display (in option up to 15kw)
- more than 150 functions integrated
- Up to 220 % overtorque
- **Built-in braking IGBT up to 160kw**
- 6 inputs (multi assignment)-1PWR-2AI-1AO-2 relays
- I/O option boards
- CanOpen and Modbus integrated
- **EMC filters cIA integrated**
- **DC bus chokes integrated : from 11kw in 220v
from 18,5kw in 400v**

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LGIS

IH

- from 30 to 220 kw (400v)
- from 30 to 55 kw (220v)
- LCD display built-in (only 2 lines !)
- ?
- ?
- 150 % overtorque
- Braking IGBT in option
- 10 inputs (6 programable) - 3 outputs -1AI-1AO-3 relays
- I/O option boards
- Option for communication boards
- Option for EMC filters
- DC bus chokes in option

ATV71

- from 0,75 to 500 kw (400v)
- from 0,37 to 75 kw (220v)
- **Graphic LCD display in standard**
- 7 segments LED display (in option up to 15kw)
- more than 150 functions integrated
- Up to 220 % overtorque
- **Built-in braking IGBT up to 160kw**
- 6 inputs (multi assignment)-1PWR-2AI-1AO-2 relays
- I/O option boards
- CanOpen and Modbus integrated
- **EMC filters cIA integrated**
- **DC bus chokes integrated : from 11kw in 220v
from 18,5kw in 400v**

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HYUNDAI

N300

- from 5,5 to 132 kw (400v)
- from 5,5 to 55 kw (220v)
- No LCD display
- 7 segments LED display in standard
- ?
- 200 % overtorque
- Built-in braking IGBT up to 11kw
- ?
- ?
- ?
- Option for EMC filters
- DC bus chokes in option

ATV71

- from 0,75 to 500 kw (400v)
- from 0,37 to 75 kw (220v)
- **Graphic LCD display in standard**
- 7 segments LED display (in option up to 15kw)
- more than 150 functions integrated
- Up to 220 % overtorque
- **Built-in braking IGBT up to 160kw**
- 6 inputs (multi assignment)-1PWR-2AI-1AO-2 relays
- I/O option boards
- CanOpen and Modbus integrated
- **EMC filters cIA integrated**
- **DC bus chokes integrated : from 11kw in 220v
from 18,5kw in 400v**

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FUJI

FRN G11S

- from 0,4 to 400 kw (400v)
- ?
- LCD display in standard only 2 lines !
-
- ?
- 200 % overtorque up to 22kw, then 180%
- Built-in braking IGBT up to 11kw
- 9 inputs - 4 outputs - AI - 1 relay
- I/O option boards
- Option for communication boards
- Option for EMC filters
- DC bus chokes in option

ATV71

- from 0,75 to 500 kw (400v)
- from 0,37 to 75 kw (220v)
- **Graphic LCD display in standard**
- 7 segments LED display (in option up to 15kw)
- more than 150 functions integrated
- Up to 220 % overtorque
- **Built-in braking IGBT up to 160kw**
- 6 inputs (multi assignment)-1PWR-2AI-1AO-2 relays
- I/O option boards
- CanOpen and Modbus integrated
- **EMC filters cIA integrated**
- **DC bus chokes integrated : from 11kw in 220v
from 18,5kw in 400v**

Altivar 71

mitsubishi

FR-A500

- from 0,4 to 450 kw (400v)
- from 0,4 to 90 kw (220v)
- Graphic LCD display in standard
- 7 segments LED display
- ?
- 170 % overtorque
- Braking IGBT in option
- 12 inputs - 5 outputs - 3AI - 1 relay
- I/O option boards
- RS485 integrated
- Option for EMC filters
- DC bus chokes in option

ATV71

- from 0,75 to 500 kw (400v)
- from 0,37 to 75 kw (220v)
- **Graphic LCD display in standard**
- 7 segments LED display (in option up to 15kw)
- more than 150 functions integrated
- Up to 220 % overtorque
- **Built-in braking IGBT up to 160kw**
- 6 inputs (multi assignment)-1PWR-2AI-1AO-2 relays
- I/O option boards
- CanOpen and Modbus integrated
- **EMC filters cIA integrated**
- **DC bus chokes integrated : from 11kw in 220v
from 18,5kw in 400v**

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MM440

- from 0,37 to 250 kw (400v)
- from 0,12 to 45 kw (220v)
- Graphic LCD display (4lines) in option
- 7 segments LED display in standard
-
- 150 % overtorque
- Built-in braking IGBT up to 90kw
- 6 inputs - 2 AI - 3 relay - 2AO
- no I/O option board
- Option for Profibus and Devicet net only
- EMC filters cIA integrated (only on special reference)
- no DC bus chokes, AC chokes in option

ATV71

- from 0,75 to 500 kw (400v)
- from 0,37 to 75 kw (220v)
- **Graphic LCD display in standard**
- 7 segments LED display (in option up to 15kw)
- more than 150 functions integrated
- Up to 220 % overtorque
- **Built-in braking IGBT up to 160kw**
- 6 inputs (multi assignment)-1PWR-2AI-1AO-2 relays
- I/O option boards
- CanOpen and Modbus integrated
- **EMC filters cIA integrated**
- **DC bus chokes integrated : from 11kw in 220v**
from 18,5kw in 400v

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ABB

ACS800

- from 0,55 to 1450 kw (400v)
- from 0,55 to 55 kw (230v) with rectifier
- Graphic LCD display in option
-
- ?
- 200 % overtorque up to 22kw, then 180%
- Built-in braking IGBT up to 15 kw (then on request)
- 7 inputs - 4 outputs - 3AI - 2AO - 3 relays
- I/O option boards
- Option for communication boards
- EMC filters integrated in option on requirement
- DC bus chokes integrated

ATV71

- from 0,75 to 500 kw (400v)
- from 0,37 to 75 kw (220v)
- **Graphic LCD display in standard**
- 7 segments LED display (in option up to 15kw)
- more than 150 functions integrated
- Up to 220 % overtorque
- **Built-in braking IGBT up to 160kw**
- 6 inputs (multi assignment)-1PWR-2AI-1AO-2 relays
- I/O option boards
- CanOpen and Modbus integrated
- **EMC filters cIA integrated**
- **DC bus chokes integrated : from 11kw in 220v
from 18,5kw in 400v**

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VACON

NXP

- from 0,4 to 355 kw (400v)
- from 0,4 to 30 kw (220v)
- Alphanumeric display integrated (3 lines of text)
- -
- ?
- Up to 220 % overtorque
- Built-in braking IGBT up to 15kw (on request high P.)
- 6 inputs - 1 output - 2AI - 1 AO - 2 relays
- I/O option boards
- Option for communication boards
- EMC filters integrated
- AC inductance in standard

ATV71

- from 0,75 to 500 kw (400v)
- from 0,37 to 75 kw (220v)
- **Graphic LCD display in standard**
- 7 segments LED display (in option up to 15kw)
- more than 150 functions integrated
- Up to 220 % overtorque
- **Built-in braking IGBT up to 160kw**
- 6 inputs (multi assignment)-1PWR-2AI-1AO-2 relays
- I/O option boards
- CanOpen and Modbus integrated
- **EMC filters cIA integrated**
- **DC bus chokes integrated : from 11kw in 220v
from 18,5kw in 400v**

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DANFOSS

VLT5000

- from 0,75 to 355 kw (400v)
- from 0,75 to 37 kw (220v)
- Graphic LCD display in standard (4 lines)
-
-
- 160 % overtorque up to 37kw (1mn) - then 150%.
- Built-in braking IGBT up to 11kw
- 8 inputs - 4 outputs - AI - AO - 2 relays
- -
- Option for communication boards
- EMC filters integrated up to 7,5kw (then on request)
- DC bus chokes integrated

ATV71

- from 0,75 to 500 kw (400v)
- from 0,37 to 75 kw (220v)
- **Graphic LCD display in standard**
- 7 segments LED display (in option up to 15kw)
- more than 150 functions integrated
- Up to 220 % overtorque
- **Built-in braking IGBT up to 160kw**
- 6 inputs (multi assignment)-1PWR-2AI-1AO-2 relays
- I/O option boards
- CanOpen and Modbus integrated
- **EMC filters cIA integrated**
- **DC bus chokes integrated : from 11kw in 220v
from 18,5kw in 400v**

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YASKAWA

F7

- from 0,55 to 300 kw (400v)
- from 0,55 to 110 kw (220v)
- in option LCD display 5 lines (7 languages)
- 7 segments display - 5 characters
-
- Up to 150 % overtorque
- Built-in braking IGBT up to 18,5kw, then ext. option
- 7 Inputs - 4 relays - 2AI - 2AO -
- I/O options boards
- RS485 / 422 in standard (Memobus protocol)
- EMC filters in option
- DC bus chokes integrated : from 18,5 kw (220v, 400v)

ATV71

- from 0,75 to 500 kw (400v)
- from 0,37 to 75 kw (220v)
- **Graphic LCD display in standard**
- 7 segments LED display (in option up to 15kw)
- more than 150 functions integrated
- Up to 220 % overtorque
- **Built-in braking IGBT up to 160kw**
- 6 inputs (multi assignment)-1PWR-2AI-1AO-2 relays
- I/O option boards
- CanOpen and Modbus integrated
- **EMC filters cIA integrated**
- **DC bus chokes integrated : from 11kw in 220v
from 18,5kw in 400v**

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OMRON

3G3FV

- from 0,4 to 400 kw (400v)
- from 0,4 to 75 kw (220v)
- LCD Display 2 lines
-
-
- Up to 150 % overtorque
- Built-in braking IGBT up to 15kw
- 8 inputs - 3AI - 2LO - 2 relays - 2 AO -
- I/O option boards
- RS232 / 485 in standard
- EMC filters in option
- DC bus chokes in option
-

ATV71

- from 0,75 to 500 kw (400v)
- from 0,37 to 75 kw (220v)
- **Graphic LCD display in standard**
- 7 segments LED display (in option up to 15kw)
- more than 150 functions integrated
- Up to 220 % overtorque
- **Built-in braking IGBT up to 160kw**
- 6 inputs (multi assignment)-1PWR-2AI-1AO-2 relays
- I/O option boards
- CanOpen and Modbus integrated
- **EMC filters cIA integrated**
- **DC bus chokes integrated : from 11kw in 220v
from 18,5kw in 400v**

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SEW

MOVIDRIVE

- from 0,55 to 160 kw (400v)
- from 1,5 to 30 kw (220v)
-
-
-
- Up to 160 % overtorque
-
-
- I/O option boards
-
-
-

ATV71

- from 0,75 to 500 kw (400v)
- from 0,37 to 75 kw (220v)
- **Graphic LCD display in standard**
- 7 segments LED display (in option up to 15kw)
- more than 150 functions integrated
- Up to 220 % overtorque
- **Built-in braking IGBT up to 160kw**
- 6 inputs (multi assignment)-1PWR-2AI-1AO-2 relays
- I/O option boards
- CanOpen and Modbus integrated
- **EMC filters cIA integrated**
- **DC bus chokes integrated : from 11kw in 220v
from 18,5kw in 400v**

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ATV71

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- from 0,75 to 500 kw (400v)
- from 0,37 to 75 kw (220v)
- **Graphic LCD display in standard**
- 7 segments LED display (in option up to 15kw)
- more than 150 functions integrated
- Up to 220 % overtorque
- **Built-in braking IGBT up to 160kw**
- 6 inputs (multi assignment)-1PWR-2AI-1AO-2 relays
- I/O option boards
- CanOpen and Modbus integrated
- **EMC filters cIA integrated**
- **DC bus chokes integrated : from 11kw in 220v
from 18,5kw in 400v**