

## INDUSTRIAL COMPONENT DATA

**A1000-FIA3105-RE 328912 A1000FIA3105RE OMRON Filter  
input 400V three-phase 105A (A1000-L1000)**

**Brand: OMRON | Manufacturer Part Number: A1000-FIA3105-RE**



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | OMRON                                            |
| MPN / Reference | A1000-FIA3105-RE                                 |
| Catalog number  | A1000FIA3105RE                                   |
| Category        | Accessories/spare parts for frequency controller |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-73DBA4D1F1                                    |
| Generated       | 2026-07-29                                       |

## Product Overview

Filter input 400V three-phase 105A (A1000-L1000)

Input filter 400V three-phase 105A (A1000-L1000)

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path **OMRON > Frequency inverters > Accessories**

## Additional Product Information

Current vector control, with or without PG

High starting torque (200% / 0.3 Hz, spd range 1:200 OLV), (200% at 0 r/min, spd range 1:1500 CLV)

Double rating ND 120%/1min and HD 150%/1 min

## Advanced Auto-Tuning for IM & PM Motors

## Open Loop Control of PM Motors

## Low-noise Low carrier technology

10 years lifetime design

## Screw-less terminals

## Control Terminals with memory backup

24 VDC control board power supply option

Fieldbus communications: Modbus, Profibus, CANopen, DeviceNet, ML-II, PROFINET, EtherCAT and EtherNet/IP

Safety embedded: EN954-1 safety cat. 3, stop category 0, IEC EN 61508 SIL 2 and EN61800-5-1 with EDM

## Regenerative solutions as option

CE, UL, cUL and TUV

**Accessories****Regenerative accessories**

D1000 kit - DC Supply with Regenerative Active Front End system

Regenerative DC bus supply unit (D1000)

Reference: CIMR-DC\_

4A0005

4A0010

4A0020

4A0030

4A0040

4A0060

4A0100

4A0130

4A0185

4A0270

4A0370

4A0630

Max. applicable motor capacity (kW)

3.7

7.5

15

22

30

45

75

110

160

220

315

560

Rated output capacity (kW)<sup>1</sup>

5

10

20

30

40

60

100

130

185

270

370

630

Rated input current AC (A)

8

16

30

43  
58  
86  
145  
210  
300  
410  
560  
1040  
Rated output current DC (A)  
8  
15  
30  
45  
61  
91  
152  
197  
280  
409  
561  
955  
Rated input voltage  
3-phase 380 to 480 VAC  
Rated output voltage  
660 VDC  
Rated frequency  
50/60 Hz  
Input power factor  
> 0.99  
Carrier frequency  
6  
4  
2  
Degree of protection  
IP20 (CIMR-DC4A0005 to CIMR-DC4A0020 models)  
IP00 (CIMR-DC4A0030 to CIMR-DC4A0630 models)  
Ambient humidity  
95% RH or less (wit...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / A1000-FIA3105-RE with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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