

## 3G3RX2-A4450

Inverter RX2, 400 V, VLD: 116 A / 55 kW, LD: 105 A / 55 kW, ND: 91 A / 45 kW, open/closed loop vector, built-in filter, max. output freq. 590Hz, IP20.

# Specifications

<b>Drive control method</b>	Closed loop V/f, Closed loop vector, Open loop V/f, Open loop vector
<b>Drive supply voltage</b>	400 V three phase
<b>Max. motor output at constant torque</b>	45 kW
<b>Max. motor output at variable torque</b>	55 kW
<b>Built in EMC filter</b>	✓
<b>Finless type</b>	✗
<b>Compatible motor type</b>	Induction or asynchronous motor, Permanent magnet motor
<b>Regenerative solutions</b>	As inverter option
<b>Communication port(s)</b>	Serial RS-485, USB
<b>Communication option(s)</b>	MODBUS/TCP, PROFIBUS DP Slave, PROFINET Slave
<b>Product Height (unpacked)</b>	550 mm
<b>Product Width (unpacked)</b>	390 mm
<b>Product Depth (unpacked)</b>	250 mm
<b>Product Weight (unpacked)</b>	34000 g
<b>Degree of protection (IP)</b>	IP20



**3G3AX-RX2-ECT**

RX2 Series EtherCAT option board

**3G3AX-RX2-PG01**

RX2 PG speed controller option board



**AX-BCR4017068-TE**

Braking unit 400 V, permanent 17 A/13 KVA, peak 68 A/51 KVA, 11 ohm min

**AX-FER5045-PE**

Ferrite choke, 50mm diameter, for 45kW inverters and below

**AX-FIR4146-SE**

RX2 book type RFI filter, 146 A, 3~ 400 VAC, for 44-55 kW models

**AX-RAI00191150-DE**

AC input reactor, 115 A, 0.19 mH, for 45 to 55 kW sizes, 400 VAC, 3 phase

## CAD Library



**3G3AX-RX2-ECT  
EtherCAT  
Communication Unit**  
Instruction Sheet

EN PDF 239 KB



**3G3AX-RX2-PG01 PG  
Unit**  
Instruction Manual

EN PDF 337 KB



**Driver MX2 & RX2 for  
Windows 11**  
Software

EN ZIP 103 KB



**EAC Mark removal**  
Discontinuation Notice

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**From 3G3RX to 3G3RX2**  
Replacement guide

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**RX2**  
Brochure

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Users Manual

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DriveProgramming  
Users Manual

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Instruction Manual

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**RX2-series Variable  
Frequency Drives**  
Datasheet

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