

## R88D-KN01H-ECT

Industrial automation components

<b>Manufacturer</b>	Omron
<b>Catalog number</b>	r88d-kn01h-ect
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.68 kgs
<b>Display Name</b>	R88D-KN01H-ECT
<b>Description</b>	G5 Series servo drive, EtherCAT type, 100 W, 1~ 200 VAC
<b>ETIM Class</b>	EC002572
<b>EAN</b>	4548583021310.0
<b>Group</b>	EB
<b>Fam</b>	EBL
<b>Country of Origin</b>	CHN
<b>Tariff Code</b>	8501402080.0
<b>OC Code</b>	R8DK9140M
<b>Second Item Number</b>	R88DKN01HECT
<b>Category</b>	Serwonapęd - seria G5
<b>Stat Fam</b>	4ABC
<b>Stat Fam description</b>	G5 drives EtherCAT
<b>Publication sort</b>	2CAC1
<b>Primary Package Length</b>	239
<b>Primary Package Width</b>	215
<b>Primary Package Depth</b>	119
<b>Dimensions</b>	239mm x 215mm x 119mm
<b>Primary Package Weight</b>	1226.5 g

## Description

The Omron R88D-KN01H-ECT is a G5 Series EtherCAT-compatible servo drive designed for precise motion control in industrial automation applications. Operating on a single-phase 200 to 240 VAC power supply, it delivers a rated output of 0.1 kW, suitable for driving motors with a continuous output current of 1.2 A (rms). This servo drive is engineered to integrate seamlessly with Omron's G5 Series AC servo motors, such as the 50 W, 200 VAC, 3000 rpm models with incremental or absolute encoders, both with and without brakes. Its EtherCAT communication protocol ensures high-speed, deterministic control, making it ideal for applications requiring synchronized motion control. The R88D-KN01H-ECT is housed in a compact form factor, approximately 0.8 kg in weight, facilitating easy integration into space-constrained environments. Its robust design and advanced features make it a reliable choice for enhancing the performance and efficiency of automation systems.