Omron

DATA SHEET

EJ1C-EDUA-NFLK

Industrial automation components

Manufacturer	Omron
Catalog number	ej1c-edua-nflk
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Display Name	EJ1C-EDUA-NFLK
Description	CelciuXº In-panel temperature controller end unit, connects up to 16 x basic & high function units, 24 VDC supply, 1 x RS-485 port (115kbps, CompoWay/F, MODBUS RTU), 1 x programming port, M3 screw terminals
ETIM Class	EC000599
EAN	4547648235457.0
Group	BG
Fam	BGA
Country of Origin	JPN
Tariff Code	9032108090.0
OC Code	EJ1C1000H
Second Item Number	EJ1CEDUANFLK
Category	Panelowy regulator temp. - EJ1
Stat Fam	JCAY
Stat Fam description	EJ1 Accessories & Parts
Publication sort	7ACD1
Primary Package Length	162
Primary Package Width	136
Primary Package Depth	50
Dimensions	162mm x 136mm x 50mm
Primary Package Weight	168 g

Description

The Omron EJ1C-EDUA-NFLK is an end unit for the EJ1 modular temperature controller series, designed for in-panel installation. It connects up to 16 basic and high-function units, providing a flexible and scalable solution for temperature control applications. The unit operates on a 24 VDC supply and features two transistor outputs for control, with a maximum operating voltage of 30 VDC and a maximum load current of 100 mA. Communication is facilitated via an RS-485 port supporting CompoWay/F and MODBUS RTU protocols, enabling seamless integration with host devices. The unit also includes a programming port for configuration and M3 screw terminals for secure wiring. With an operating temperature range of -10°C to 55°C and a storage temperature range of -25°C to 65°C, the EJ1C-EDUA-NFLK is suitable for various industrial environments. Its compact dimensions of 15.7 mm (W) x 95.4 mm (H) x 76.2 mm (D) and lightweight design (approximately 70 g) make it ideal for space-constrained applications. The unit complies with international standards, including CE marking and UL and CSA certifications, ensuring reliable performance and safety.