

ECOR-1-BSC2/FO/2X21 - Relay base



1308332

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ECOR-1 relay base, for FASTON relay, Fork-type cable lug, 2 changeover contacts, Input voltage 230 V AC



Commercial data

Item number	1308332
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	C460
Product key	DKF312
GTIN	4063151558963
Weight per piece (including packing)	31.4 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85366990
Country of origin	CN

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Technical data

Notes

Notes on operation	Do not use to separate SELV / PELV circuits from other circuits, because safe isolation is not guaranteed.
Notes on operation	The system installer must ensure the touch protection of the product (at voltages > 25 V AC/60 V DC). The product is a built-in device without protection against direct contact.
Notes on operation	Basic insulation is maintained against adjacent modules in the DIN rail direction. If the application has higher requirements for the insulation (reinforced insulation), then these must be realized by means of suitable measures (e.g., partition plates).
Notes on operation	Any unused screw connections have to be tightened with torque.

Product properties

Product type	Relay socket
Product family	ESSENTIAL edition

Insulation characteristics: Air clearances and creepage distances between the power circuits

Insulation	Basic insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Test voltage (Winding/contact)	4 kV _{rms} (50 Hz, 1 min., winding/contact)
Test voltage (open contact)	1 kV _{rms} (50 Hz, 1 min., open contact)

Air clearances and creepage distances between the power circuits

Rated insulation voltage	250 V AC
Rated surge voltage	2.5 kV

Input data

Nominal input voltage U _N	≤ 230 V AC
	≤ 230 V AC

Connection data

Connection method	Fork-type cable lug
Stripping length	7 mm
Screw thread	M3
Conductor cross-section rigid	0.4 mm ² ... 1.5 mm ²
Conductor cross-section flexible	0.4 mm ² ... 1.5 mm ²
Conductor cross-section AWG	21 ... 16
Tightening torque	0.5 Nm ... 1 Nm

Dimensions

Width	15.7 mm
Height	71 mm

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Depth	35.6 mm
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Material specifications

Color	traffic grey B (RAL 7043)
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

Approvals

CE

Certificate	CE-compliant
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UKCA

Certificate	UKCA-compliant
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Standards and regulations

Standards/regulations	IEC 60664-1
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Air clearances and creepage distances between the power circuits

Standards/regulations	IEC 60664-1
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Mounting

Mounting type	DIN rail mounting
Assembly note	in rows with zero spacing
Mounting position	any

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Approvals

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Approval ID: FILE E 113228



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Classifications

ECLASS

ECLASS-13.0	27371603
ECLASS-15.0	27371603

ETIM

ETIM 9.0	EC001456
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UNSPSC

UNSPSC 21.0	39122300
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%
EF3.0 Climate Change	
CO2e kg	0.325 kg CO2e

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Mandatory accessories

REL-FO/L-24DC/2X21 - Single relay

1308296

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Plug-in miniature relay, FASTON connection, 2 changeover contacts, status display: LED (yellow), Input voltage: 24 V DC

REL-FO/L-110DC/2X21 - Single relay

1308307

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Plug-in miniature relay, FASTON connection, 2 changeover contacts, status display: LED (yellow), Input voltage: 110 V DC

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REL-FO/L-120AC/2X21 - Single relay

1308314

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Plug-in miniature relay, FASTON connection, 2 changeover contacts, status display: LED (yellow), Input voltage: 120 V AC

REL-FO/L-230AC/2X21 - Single relay

1308321

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Plug-in miniature relay, FASTON connection, 2 changeover contacts, status display: LED (yellow), Input voltage: 230 V AC

ECOR-1-BSC2/FO/2X21 - Relay base

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REL-FO/LD-24DC/2X21/MS - Single relay

1308298

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Plug-in miniature relay with mechanical switching position indicator, FASTON connection, 2 changeover contacts, status display: LED (yellow), Freewheeling diode, Input voltage: 24 V DC

REL-FO/LD-110DC/2X21/MS - Single relay

1308326

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Plug-in miniature relay with mechanical switching position indicator, FASTON connection, 2 changeover contacts, status display: LED (yellow), Freewheeling diode, Input voltage: 110 V DC

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REL-FO/LRC-120AC/2X21/MS - Single relay

1308316

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Plug-in miniature relay with mechanical switching position indicator, FASTON connection, 2 changeover contacts, status display: LED (yellow), RC element, Input voltage: 120 V AC

REL-FO/LRC-230AC/2X21/MS - Single relay

1308330

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Plug-in miniature relay with mechanical switching position indicator, FASTON connection, 2 changeover contacts, status display: LED (yellow), RC element, Input voltage: 230 V AC

Accessories

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ECOR-FO-RH-1H - Retaining bracket

1325205

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Relay retaining bracket with ejector function, suitable for ECOR-1 FASTON relay base.

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