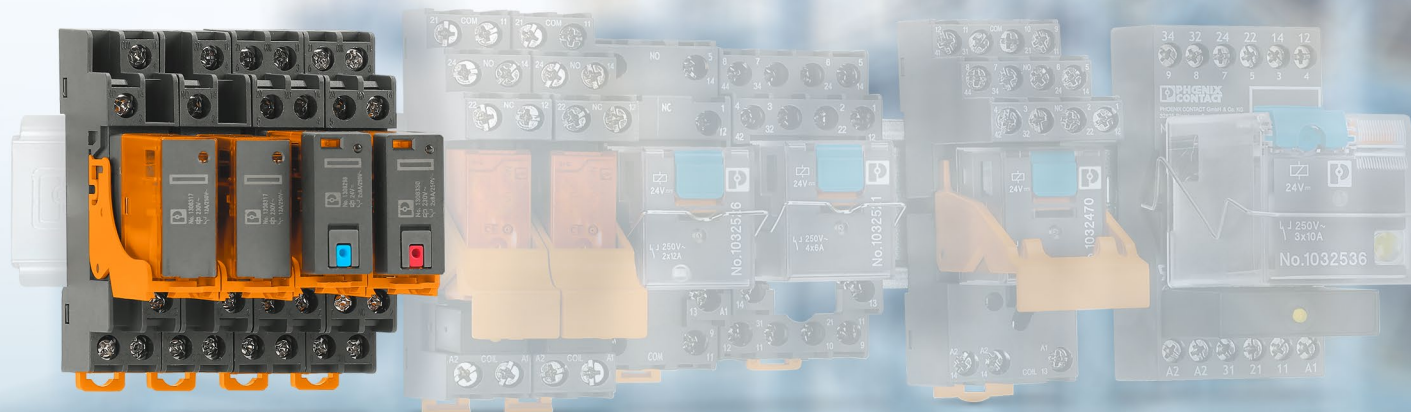




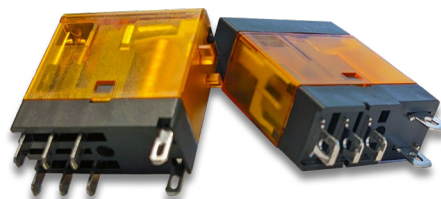
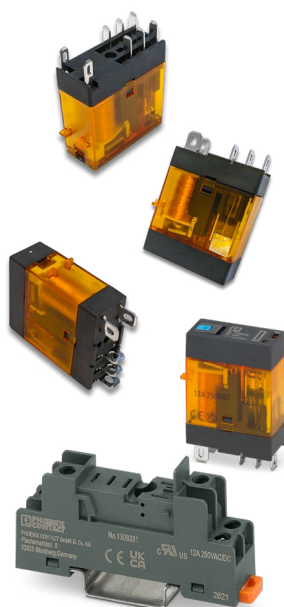
EE Faston Relays

ESSENTIAL edition relay modules are an efficient and modular industrial relay system with basic functions.

Consisting of the relay plugs, that offer a blade style connection to the base which comes with an innovative bracket design, the Faston models offer a reliable and rugged connection.

Available in single and double pole, with flexible input range of 24VDC, 110VDC, 120VAC & 230VAC.

From development to production, the high quality of Phoenix Contact products is assured through consistent testing in accordance with uniform directives and in-house standards.



Single Pole



ECOR-1-BSC2/FO/1X21 – Relay base
Order no: 1308331

Technical data

Input voltage U_N	≤ 230VAC
Ambient temperature (operation)	-40 °C ... +70 °C
Connection method	Screw
Connection cross section (solid / stranded / AWG)	0.4 - 1.5 mm ² / 0.4 - 1.5 mm ² / 21 - 16

Dimensions

Width	15.7 mm
Depth with retaining bracket	35.6 mm
Height	71 mm

Choose your relay plug

With manual switch



24VDC	110VDC	120VAC	230VAC
REL-FO/LD-24DC/1X21MS	REL-FO/LD-110DC/1X21/MS	REL-FO/LRC-120AC/1X21/MS	REL-FO/LRC-230AC/1X21/MS
1308302	1308300	1308327	1308323

Without manual switch



24VDC	110VDC	120VAC	230VAC
REL-FO/L-24DC/1X21	REL-FO/L-110DC/1X21	REL-FO/L-120AC/1X21	REL-FO/L-230AC/1X21
1308188	1308299	1308310	1308317

Double Pole



ECOR-1-BSC2/FO/2X21 – Relay base
Order no: 1308332

Technical data

Input voltage U_N	≤ 230VAC
Ambient temperature (operation)	-40 °C ... +70 °C
Connection method	Screw
Connection cross section (solid / stranded / AWG)	0.4 - 1.5 mm ² / 0.4 - 1.5 mm ² / 21 - 16

Dimensions

Width	15.7 mm
Depth with retaining bracket	35.6 mm
Height	71 mm

Choose your relay plug

With manual switch



24VDC	110VDC	120VAC	230VAC
REL-FO/LD-24DC/2X21/MS	REL-FO/LD-110DC/2X21/MS	REL-FO/LRC-120AC/2X21/MS	REL-FO/LRC-230AC/2X21/MS
1308298	1308326	1308316	1308330

Without manual switch



24VDC	110VDC	120VAC	230VAC
REL-FO/L-24DC/2X21	REL-FO/L-110DC/2X21	REL-FO/L-120AC/2X21	REL-FO/L-230AC/2X21
1308296	1308307	1308314	1308321

DC Coils

Contact type	Changeover contact(s): SP 1 DP 2
Max. switching voltage	250VAC/DC
Min. switching voltage	5 V (10 mA)
Limiting continuous current	SP 12 A DP 8 A
Max. inrush current	20 ms, N/O contacts: SP 24 A DP 16 A
Min. switching current	DP 10 mA (5 V)
Mechanical service life	approx. 5x 10 ⁷ cycles
Ambient temperature (operation)	-40 °C ... +70 °C

SP Single Pole only **DP** Double Pole only

AC Coils

Contact type	Changeover contact(s): SP 1 DP 2
Max. switching voltage	250VAC/DC
Min. switching voltage	5 V (10 mA)
Limiting continuous current	SP 12 A DP 8 A
Max. inrush current	20 ms, N/O contacts: SP 24 A DP 16 A
Min. switching current	DP 10 mA (5 V)
Mechanical service life	approx. 3x 10 ⁷ cycles
Ambient temperature (operation)	-40 °C ... +70 °C

SP Single Pole only **DP** Double Pole only

Accessories



Retaining bracket — PA
ECOR-FO-RH-1H

1325205