

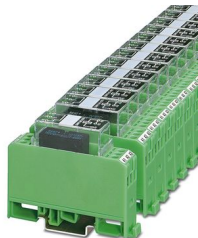
EMG 17-REL/KSR-230/21 - Relay Module



2947653

<https://www.phoenixcontact.com/us/products/2947653>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Relay module, with soldered-in miniature switching relay, contact (AgNi): medium to large loads, double A2 connection, 1 changeover contact, input voltage 230 V AC/DC

Commercial data

Item number	2947653
Packing unit	1 pc
Minimum order quantity	10 pc
Sales key	C460
Product key	CK6142
GTIN	4017918082819
Weight per piece (including packing)	54.31 g
Weight per piece (excluding packing)	48.156 g
Customs tariff number	85364900
Country of origin	DE

EMG 17-REL/KSR-230/21 - Relay Module



2947653

<https://www.phoenixcontact.com/us/products/2947653>

Technical data

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
----------	---

Product properties

Product type	Relay Module
Operating mode	100% operating factor
Mechanical service life	2x 10 ⁷ cycles

Insulation characteristics

Insulation	Basic insulation
------------	------------------

Insulation characteristics

Insulation	Basic insulation
Overvoltage category	III
Pollution degree	2

Electrical properties

Maximum power dissipation for nominal condition	1.15 W
Test voltage (Winding/contact)	2.5 kV AC (50 Hz, 1 min., winding/contact)

Input data

Coil side

Nominal input voltage U _N	230 V AC/DC
Input voltage range	184 V AC/DC ... 243.8 V AC/DC (20 °C)
Drive and function	monostable
Drive (polarity)	polarized
Typical input current at U _N	5 mA
Typical response time	6 ms
Typical release time	7 ms
Protective circuit	Bridge rectifier; Bridge rectifier
Operating voltage display	Yellow LED

Output data

Switching

Contact switching type	1 changeover contact
Type of switch contact	Single contact
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Limiting continuous current	6 A

EMG 17-REL/KSR-230/21 - Relay Module



2947653

<https://www.phoenixcontact.com/us/products/2947653>

Maximum inrush current	8 A
Interrupting rating (ohmic load) max.	140 W (at 24 V DC)
	60 W (at 48 V DC)
	45 W (at 60 V DC)
	35 W (at 110 V DC)
	55 W (at 220 V DC)
	1500 VA (for 250 V AC)

Connection data

Coil side

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Contact side

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Dimensions

Width	17.5 mm
Height	75 mm
Depth	62.5 mm

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Standards and regulations

Standards/regulations	IEC 664
	IEC 664 A
	DIN VDE 0110

Mounting

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

EMG 17-REL/KSR-230/21 - Relay Module



2947653

<https://www.phoenixcontact.com/us/products/2947653>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2947653>



EAC

Approval ID: TR_TS_D_00573_c



EAC

Approval ID: RU*C-DE.*08.B.00010

EMG 17-REL/KSR-230/21 - Relay Module



2947653

<https://www.phoenixcontact.com/us/products/2947653>

Classifications

ECLASS

ECLASS-11.0	27371601
ECLASS-12.0	27371601
ECLASS-13.0	27371601

ETIM

ETIM 8.0	EC001437
----------	----------

UNSPSC

UNSPSC 21.0	39122300
-------------	----------

EMG 17-REL/KSR-230/21 - Relay Module



2947653
<https://www.phoenixcontact.com/us/products/2947653>

Environmental product compliance

REACH SVHC	Lead 7439-92-1
	Hexahydromethylphthalic anhydride
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com