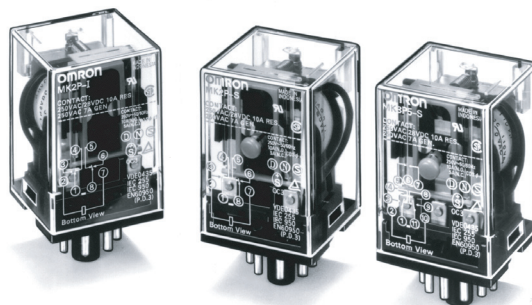


General-purpose Relay MK-I/-S

Exceptionally Reliable General-purpose Relay Features Mechanical Indicator/Push Button

- Breaks relatively large load currents despite small size.
- Long life (minimum 100,000 electrical operations) assured by silver contacts.
- Built-in operation indicator (Mechanical, LED), push button, diode surge suppression, varistor surge suppression.
- Standard models are UL, CSA, SEV, DEMKO, NEMKO, SEMKO, TÜV (IEC), and VDE.
- Conforming to CENELEC standards.



Model Number Structure

Model Number Legend

Standard Models

MK - -

1 2 3 4 5 6

- | | | |
|--|---|--|
| <p>1. Contact Form
2: DPDT
3: 3PDT</p> <p>2. Cover
P: Dust cover</p> | <p>3. Internal Connection Construction
Blank: Standard
2 or 5: Non-standard connection
(Refer to <i>Terminal Arrangement/Internal Connections</i>)</p> <p>4. Mechanical Indicator Push Button
S: Mechanical indicator and push button
I: Mechanical indicator</p> | <p>5. Approved Standards
Blank: UL, CSA, DEMKO, NEMKO
SEMKO, SEV, TÜV
VD: VDE</p> <p>6. Rated Voltage
(Refer to <i>Coil Ratings</i>)</p> |
|--|---|--|

Special Accessories

MK - - -

1 2 3 4 5 6 7 8

- | | | |
|---|---|--|
| <p>1. Contact Form
2: DPDT
3: 3PDT</p> <p>2. Cover
P: Dust cover</p> <p>3. Classification
N: LED indicator
D: Diode
V: Varistor
ND: LED indicator and diode
NV: LED indicator and varistor</p> | <p>4. Coil Polarity
Blank: Standard
1: Reverse
(Refer to <i>Terminal Arrangement/Internal Connections</i>)</p> <p>5. Internal Connection Construction
Blank: Standard
2 or 5: Non-standard connection
(Refer to <i>Terminal Arrangement/Internal Connections</i>)</p> | <p>6. Mechanical Indicator Push Button
S: Mechanical indicator and push button
I: Mechanical indicator</p> <p>7. Approved Standards
Blank: UL and CSA only
VD: VDE (N and D models only)</p> <p>8. Rated Voltage
(Refer to <i>Coil Ratings</i>)</p> |
|---|---|--|

Ordering Information

List of Models

Type	Terminal	Contact form	Internal connection (see note 3)	With mechanical indicator	With mechanical indicator and pushbutton	Coil ratings	Approved standards
Standard	Plug-in	DPDT	Standard	MK2P-I	MK2P-S	AC (∧), DC (≡)	UL, CSA, SEV, DEMKO, NEMKO, SEMKO, TÜV
			Non-standard	MK2P2-I	MK2P2-S		
		3PDT	Standard	MK3P-I	MK3P-S		
			Non-standard	MK3P2-I MK3P5-I	MK3P2-S MK3P5-S		
LED Indicator (see note 2)	Plug-in	DPDT	Standard	MK2PN□-I	MK2PN□-S	AC (∧), DC (≡)	UL, CSA
			Non-standard	MK2PN□-2-I	MK2PN□-2-S		
		3PDT	Standard	MK3PN□-I	MK3PN□-S		
			Non-standard	MK3PN□-2-I MK3PN□-5-I	MK3PN□-2-S MK3PN□-5-S		
Diode (see note 2)	Plug-in	DPDT	Standard	MK2PD□-I	MK2PD□-S	DC (≡)	UL, CSA
			Non-standard	MK2PD□-2-I	MK2PD□-2-S		
		3PDT	Standard	MK3PD□-I	MK3PD□-S		
			Non-standard	MK3PD□-2-I MK3PD□-5-I	MK3PD□-2-S MK3PD□-5-S		
Varistor	Plug-in	DPDT	Standard	MK2PV-I	MK2PV-S	AC (∧)	UL, CSA
			Non-standard	MK2PV-2-I	MK2PV-2-S		
		3PDT	Standard	MK3PV-I	MK3PV-S		
			Non-standard	MK3PV-2-I MK3PV-5-I	MK3PV-2-S MK3PV-5-S		
VDE approved	Plug-in	DPDT	Standard	MK2P-I-VD	MK2P-S-VD	AC (∧), DC (≡)	UL, CSA, SEV, DEMKO, NEMKO, SEMKO, TÜV, VDE
			Non-standard	MK2P2-I-VD	MK2P2-S-VD		
		3PDT	Standard	MK3P-I-VD	MK3P-S-VD		
			Non-standard	MK3P2-I-VD MK3P5-I-VD	MK3P2-S-VD MK3P5-S-VD		
LED Indicator VDE approved	Plug-in	DPDT	Standard	MK2PN-I-VD	MK2PN-S-VD	AC (∧), DC (...)	UL, CSA, VDE
			Non-standard	MK2PN-2-I-VD	MK2PN-2-S-VD		
		3PDT	Standard	MK3PN-I-VD	MK3PN-S-VD		
			Non-standard	MK3PN-2-I-VD MK3PN-5-I-VD	MK3PN-2-S-VD MK3PN-5-S-VD		
Diode VDE approved	Plug-in	DPDT	Standard	MK2PD-I-VD	MK2PD-S-VD	DC (...)	UL, CSA, VDE
			Non-standard	MK2PD-2-I-VD	MK2PD-2-S-VD		
		3PDT	Standard	MK3PD-I-VD	MK3PD-S-VD		
			Non-standard	MK3PD-2-I-VD MK3PD-5-I-VD	MK3PD-2-S-VD MK3PD-5-S-VD		

Note: 1. When ordering, add the rated voltage to the model number. Rated voltages are given in the coil ratings table in *Specifications*.

Example: MK3P5-S 230 VAC
└──────────┘ Rated voltage

2. This DC coil comes in two types: standard coil polarity and reversed coil polarity. Refer to *Terminal Arrangement/Internal Connections*.

Example: MK2PN1-I 24 VDC
└──────────┘ Reverse polarity

3. Refer to *Terminal Arrangement/Internal Connections* for non-standard internal connection.

4. The gold plating thickness depends on the request.

Example: MK3P-I AP3 24 VAC
└──────────┘ Gold plating thickness: 3 μm

Accessories (Order Separately)

Item	Model	
Track-mounted Socket	8-pin type	PF083A-E
	11-pin type	PF113A-E
Hold-down Clip	PFC-A1	