



TELE Switching Relays



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Accessories



Safety and Convenience

TELE specializes in developing and manufacturing state-of-the-art monitoring, control, and automation components and fulfills and exceeds local sourcing needs of OEMs, resellers, and distributors globally.

TELE HAASE is a family-owned technology company headquartered in Austria that is passionate about hiring the best in the business to develop and manufacture control and monitoring solutions for both, the energy and industrial sector. Founded in 1963, TELE is a market leader for time and monitoring relays and has been developing customized private label solutions ever since.

TELE PRODUCTS are being used the world over and are mostly deployed in control panels, industrial machinery, and power transmission stations, as well as in wind, water, and solar energy applications.

IN THE COMING YEARS, TELE's technology is poised to integrate seamlessly into the landscapes of Industry 4.0 and IIoT

by learning how to communicate and deliver data across different interfaces and locations. In doing so, we enable our partners, OEMs, resellers and everyone in our network to be more efficient, worker friendly, and green.

TELE ELECTROMECHANICAL RELAYS offer a great add-on to the core portfolio of timing and monitoring controls. Our electromechanical relays play a crucial role to separate and connect important electrical loads ranging from a few milliamperes to several amperes. The reliable relays come in different designs to easily integrate into all sorts of applications due to the variety of AC and DC coil voltages TELE offers. Suitable relay bases and protection modules complete the range of general purpose relays, slim interface relays, PCB power relays, or industrial relays.

TELE Switching Relays

TELE is well known for its robust and reliable switching and coupling relays that are effortless and easy to assemble. The powerful relays can be used in numerous use-cases ranging from PLC controllers in machinery environments, HMI's for building automation purposes or control cabinets for car washes. The capability of switching small loads in a compact design bears a great alternative to conventional contactors.



Being a One-Stop-Shop

TELE also saves you time by offering pre-assembled relay sets in all designs.

BESIDES THE HIGH QUALITY

TELE relays are easy to mount on a DIN-rail and guarantee installation efficiency due to the modular set up. The CE and cULus certified components allow our clients to put TELE switching relays to use globally and in a vast variety of applications like panel fabrication, specialized machinery, and building automation. Relays are a crucial part of triggering and protecting processes in every electric industrial environment while guaranteeing the highest switching capacity. Optional jumper links along with plug in-modules, retaining clips and other accessories allow the highest protection degree and most efficient wiring efforts for every application.

TELE'S SLIM INTERFACE RELAYS

SKR and STKR are commonly used to match and isolate a large number of I/Os on limited space. The integrated LED gives instant indication about the state of the switching relay.

While the SKR Series are a fully enclosed unit, the STKR relay series comes with interchangeable relay modules, allowing faster replacements and more flexibility.

RA AND RM MINIATURE RELAYS can be easily recognised by their square shape. They are also referred to as miniature general purpose or ice-cube relays. With their blade-



style pins they are easily interchangeable and are probably the all-stars of the industry.

The RA and RM relays offer a mechanical (latch) and optical (LED) status indication for the 2 or 4 relay contacts that are integrated. Suitable relay bases come in a regular screw terminal or push-in terminal configuration and are easy to install on a DIN-rail for a great variety of applications.

TELE RP PCB POWER RELAYS are the ideal solution for electronic assembly and printed circuit boards due to their soldering capabilities. The compact shape allows space for one or two relay contacts at a high

performance rated current of 8A and 16A. Thanks to their properties, these coupling relays can also be easily plugged and soldered onto printed circuit boards.

THE INDUSTRIAL RT RELAYS are particularly robust and are used for high load control. RT modules work in the control of up to 3 changeover contacts with 10A each.

In addition, this product is equipped for safety reasons with manual operation, improved LEDs or free-wheeling diodes. In this series coupling relays are available with 2 or 3 changeover contacts, manual operation, position indicator and 8- or 11-pole sockets.

TELE SKR-Series are commonly used to save space and increase capacity with PLC applications. LED status indication comes with every relay.

RA MINIATURE RELAYS



■ TECHNICAL DATA

MECHANICAL DESIGN

Form	Miniature Blade Style
Plug-in Style	■
Manual Latch	■
Relay Configuration	2 c/o DPDT
Mechanical Lifecycle	20×10 ⁶ Operations

ELECTRICAL DESIGN

Rated Voltage	250V AC
Min. Voltage	5V AC

Max. Voltage	440V AC
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FREQUENCY RATINGS

Nominal Frequency	50 / 60 Hz
Frequency Range	0.8 – 1.1 × U _N

CURRENT RATINGS

Rated Switching Current	12 A
Power Consumption	AC 1.6 VA/DC 0.9W

AMBIENT CONDITIONS

Operating Temperature	AC -40 to +131°F (-40 to +55°C) DC -40 to +158°F (-40 to +70°C)
Storage Temperature	-40 to +185°F (-40 to +85°C)

RELAY OUTPUT

Configuration	2 c/o (DPDT)
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DESIGN

Dimensions (W×H×D)	0.83×1.08×1.40 in (21.1×27.5×35.6mm)
Certification	CE, cULus, EAC
Protection Class	IP40

■ VARIATIONS



TYPE CODE	SKU	PACKAGING QTY	COIL VOLTAGE	COIL RESISTANCE (±10%)
RA 012L-N	100625LD-N	10 pcs	12 V DC	160 Ω
RA 024L-N	100622LD-N	10 pcs	24 V DC	640 Ω
RA 524L-N	100623LD-N	10 pcs	24 V AC	158 Ω
RA 615L-N	100621LD-N	10 pcs	115 V AC	3610 Ω
RA 730L-N	100624LD-N	10 pcs	230 V AC	16100 Ω

Direct Current (DC) relays indicated with a blue-green latch switch, Alternating Current (AC) relays feature a red-orange latch switch. This scheme applies to all RA, RM and RT series relays.



ACCESSORIES AND BASES



TYPE CODE	SKU	QTY	DESCRIPTION	MOUNT	PROTECTION	INFORMATION	SUITABLE FOR
CST-B14F2-L (ES15/4B)	180146	10 pcs	Relay Base	DIN-TS 35 Rail Mount	IP20	Excl. Label Field	Module Series M
PYF-14BE (ES15/4N)	180134	10 pcs	Relay Base			Incl. Label Field	
PYF-14BE/3 (ES15/4S)	180145	10 pcs	Relay Base				
PYF-14BE/3-CC (ES15/4G)*	180148	10 pcs	Relay Base			Module Series EM	
RSS214	180050	10 pcs	Relay Base				
HB/ES15	180153	10 pcs	Retaining Clip			Plastics	All ES15-Bases Above
HB/RM-RA	180032	25 pcs	Retaining Clip			Metal	All Bases Above

* For push-in terminals



ACCESSORIES MODULE SERIES M

[for bases CST-B14F2-L (ES15/4B), PYF-14BE (ES15-4N), PYF-14BE/3 (ES15/4S), PYF-14BE/3CC (ES15/4G)]

TYPE CODE	SKU	QTY	DESCRIPTION	FUNCTION	VOLTAGE RANGE
M21N	180261	20 pcs	Plug-In Module	Diode	6–230V DC (-A2, +A1)
M21P	180260	20 pcs		Diode	6–230V DC (+A2, -A1)
M31R	180262	20 pcs		Diode + LED (red)	6–24V DC (+A2, -A1)
M41R	180263	20 pcs		Diode + LED (red)	6–24V DC (-A2, +A1)
M53	180264	20 pcs		RC-Module	110–230V AC
M61R	180265	20 pcs		LED (red)	6–24V AC/DC (-A2, +A1)
M63R	180268	20 pcs		LED (red)	110–230V AC/DC (-A2, +A1)
M71	180266	20 pcs		Varistor	24V AC
M73	180267	20 pcs		Varistor	230V AC
M93G	180276	20 pcs		Varistor + LED (green)	110–230V AC/DC (-A2, +A1)
M103	180269	20 pcs		Bleeder Resistor	110–230V AC

ACCESSORIES MODULE SERIES EM

[for base RSS214]



TYPE CODE	SKU	QTY	DESCRIPTION	FUNCTION	VOLTAGE RANGE
EM 03	180300	10 pcs	Plug-In Module	RC-Module	110–230V AC
EM 04	180301	10 pcs		Varistor	24V AC
EM 05	180302	10 pcs		Varistor	230V AC
EM 10	180307	10 pcs		LED (green)	110–230V AC
EM 11	180308	10 pcs		LED (green)	6–24V AC/DC
EM 12	180309	10 pcs		Diode + LED (green)	6–24V DC (-A2, +A1)

RM MINIATURE RELAYS



■ TECHNICAL DATA

MECHANICAL DESIGN	
Form	Miniature Blade Style
Plug-in Style	■
Manual Latch	■
Relay Configuration	4 c/o 4PDT
Mechanical Lifecycle	20×10 ⁶ Operations
ELECTRICAL DESIGN	
Rated Voltage	250V AC
Min. Voltage	10V (AgNi) + 5V (AgNi/Au 5µm) AC

Max. Voltage	250V AC
FREQUENCY RATINGS	
Nominal Frequency	50/60Hz
Frequency Range	0.8 – 1.1×U _N
CURRENT RATINGS	
Rated Switching Current	6A
Power Consumption	AC 1.6VA / DC 0.9W
AMBIENT CONDITIONS	
Operating Temperature	AC -40 to +131 °F (-40 to +55 °C) DC -40 to +158 °F (-40 to +70 °C)
Storage Temperature	-40 to +185 °F (-40 to +85 °C)
RELAY OUTPUT	
Configuration	4 c/o 4PDT
DESIGN	
Dimensions (W×H×D)	0.83×1.08×1.40 in (21.1×27.5×35.6mm)
Certification	CE, cULus, EAC
Protection Class	IP40



■ VARIATIONS

TYPE CODE	SKU	PACKAGING QTY	GOLD PLATED CONTACTS	FEATURES	COIL VOLTAGE	COIL RESISTANCE (±10%)
RM 012.02LD-N	100601HD-N	10 pcs	■	Diode + LED	12V DC	160Ω
RM 012L-N	100601LD-N	10 pcs		LED	12V DC	160Ω
RM 024.02LD-N	100603HD-N	10 pcs	■	Diode + LED	24V DC	640Ω
RM 024.02L-N	100603H-N	10 pcs	■	LED	24V DC	640Ω
RM 024LD-N	100604FD-N	10 pcs		Diode + LED	24V DC	640Ω
RM 024L-N	100603LD-N	10 pcs		LED	24V DC	640Ω
RM 024-N	100603-N	10 pcs			24V DC	640Ω
RM 048L-N	100602LD-N	10 pcs		LED	48V DC	2 600Ω
RM 048.02LD-N	100602HD-N	10 pcs	■	Diode + LED	48V DC	2 600Ω
RM 060L-N	100616LD-N	10 pcs		LED	60V DC	4 000Ω
RM 110L-N	100617LD-N	10 pcs		LED	110V DC	13 600Ω
RM 220L-N	100620LD-N	10 pcs		LED	220V DC	54 000Ω
RM 220.02LD-N	100619HF-N	10 pcs	■	Diode + LED	220V DC	54 000Ω
RM 512L-N	100612LD-N	10 pcs		LED	12V AC	39.5Ω
RM 524.02L-N	100613H-N	10 pcs	■	LED	24V AC	158Ω
RM 524L-N	100613LD-N	10 pcs		LED	24V AC	158Ω
RM 524-N	100613-N	10 pcs			24V AC	158Ω
RM 548L-N	100614LD-N	10 pcs		LED	48V AC	640Ω
RM 615.02L-N	100618H-N	10 pcs	■	LED	115V AC	3 610Ω
RM 615L-N	100618LD-N	10 pcs		LED	115V AC	3 610Ω
RM 730.02L-N	100619HL-N	10 pcs	■	LED	230V AC	16 100Ω
RM 730L-N	100619LD-N	10 pcs		LED	230V AC	16 100Ω
RM 730-N	100619-N	10 pcs			230V AC	16 100Ω

■ ACCESSORIES AND BASES



TYPE CODE	SKU	QTY	DESCRIPTION	MOUNT	PRO-TECTION	INFORMATION	SUITABLE FOR
CST-B14F2-L (ES15/4B)	180146	10 pcs	Relay Base	DIN-TS 35 Rail Mount	IP20	Excl. Label Field	Module Series M
PYF-14BE (ES15/4N)	180134	10 pcs	Relay Base			Incl. Label Field	
PYF-14BE/3 (ES15/4S)	180145	10 pcs	Relay Base				
PYF-14BE/3-CC (ES15/4G)*	180148	10 pcs	Relay Base				
RSS214	180050	10 pcs	Relay Base			Module Series EM	
HB/ES15	180153	10 pcs	Retaining Clip			Plastics	All ES15-Bases Above
HB/RM-RA	180032	25 pcs	Retaining Clip			Metal	All Bases Above

* For push-in terminals

■ ACCESSORIES MODULE SERIES M [for bases CST-B14F2-L (ES15/4B), PYF-14BE (ES15-4N), PYF-14BE/3 (ES15/4S), PYF-14BE/3CC (ES15/4G)]



TYPE CODE	SKU	QTY	DESCRIPTION	FUNCTION	VOLTAGE RANGE
M21N	180261	20 pcs	Plug-In Module	Diode	6-230V DC (-A2, +A1)
M21P	180260	20 pcs		Diode	6-230V DC (+A2, -A1)
M31R	180262	20 pcs		Diode + LED (red)	6-24V DC (+A2, -A1)
M41R	180263	20 pcs		Diode + LED (red)	6-24V DC (-A2, +A1)
M53	180264	20 pcs		RC-Element	110-230V AC
M61R	180265	20 pcs		LED (red)	6-24V AC/DC (-A2, +A1)
M63R	180268	20 pcs		LED (red)	110-230V AC/DC (-A2, +A1)
M71	180266	20 pcs		Varistor	24V AC
M73	180267	20 pcs		Varistor	230V AC
M93G	180276	20 pcs		Varistor + LED (green)	110-230V AC (-A2, +A1)
M103	180269	20 St.		Bleeder Resistor	110-230V AC

■ ACCESSORIES MODULE SERIES EM [for base RSS214]



TYPE CODE	SKU	QTY	DESCRIPTION	FUNCTION	VOLTAGE RANGE
EM 03	180300	10 pcs	Plug-In Module	RC-Element	110-230V AC
EM 04	180301	10 pcs		Varistor	24V AC
EM 05	180302	10 pcs		Varistor	230V AC
EM 10	180307	10 pcs		LED (green)	110-230V AC
EM 11	180308	10 pcs		LED (green)	6-24V AC/DC
EM 12	180309	10 pcs		Diode + LED (green)	6-24V DC (-A2, +A1)

For dimensions, circuit diagrams and further technical details please scan this QR code



RP PCB POWER RELAYS



TECHNICAL DATA

MECHANICAL DESIGN

Form	PCB Power Relay
Plug-In Style	■
Solderable	■
Relay Configuration	1 c/o or 2 c/o SPDT or DPDT
Mechanical Lifecycle	30×10 ⁶ Operations

ELECTRICAL DESIGN

Rated Voltage	250V AC
Min. Voltage	5V AC/DC

Max. Voltage	440V AC
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FREQUENCY RATINGS

Nominal Frequency	50/60 Hz
Frequency Range	AC 0.8 – 1.2 × U _N DC 0.7 – 2.55 × U _N

CURRENT RATINGS

Rated Switching Current	16A (1 c/o SPDT) and 8A (2 c/o DPDT)
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AMBIENT CONDITIONS

Operating Temperature	AC -40 to +158°F (-40 to +70°C) DC -40 to +185°F (-40 to +85°C)
Storage Temperature	-40 to +185°F (-40 to +85°C)
Soldering Temperature	max. 518°F (270°C) for 5s

DESIGN

Dimensions (W×H×D)	0.5×0.62×1.14 in (12.7×15.7×29 mm) [1c/o] 0.49×0.62×1.14 in (12.5×15.7×29 mm) [2c/o]
Certification	CE, cULus, EAC
Protection Class	IP67



RP 524-1



RP 024-2

VARIATIONS

TYPE CODE	SKU	QTY	CONTACTS	COIL VOLTAGE	POWER CONSUMPTION	COIL RESISTANCE (±10%)
RP 024-1	100430	20 pcs	1 c/o SPDT	24V DC	0.48W	1440Ω
RP 524-1	100431	20 pcs	1 c/o SPDT	24V AC	0.75 VA	400Ω
RP 730-1	100432	20 pcs	1 c/o SPDT	230V AC	0.75 VA	38500Ω
RP 012-2	100420	20 pcs	2 c/o DPDT	12V DC	0.5W	360Ω
RP 024-2	100416	20 pcs	2 c/o DPDT	24V DC	0.5W	1440Ω
RP 524-2	100417	20 pcs	2 c/o DPDT	24V AC	0.75 VA	400Ω
RP 615-2	100421	20 pcs	2 c/o DPDT	115V AC	0.75 VA	9600Ω
RP 730-2	100418	20 pcs	2 c/o DPDT	230V AC	0.75 VA	32500Ω



PI-50BE/3-CC
(ES50/3G)



PI-50BE
(ES50)



PI-50BE/3R
(ES50/3)



HB/ RP16 (MS16)



PSS8/3 (7564)



HB/PSS

ACCESSORIES AND BASES

TYPE CODE	SKU	QTY	DESCRIPTION	MOUNT	PROTECTION	INFORMATION	SUITABLE FOR
PI-50BE/3-CC (ES50/3G)*	180149	20 pcs	Relay Base	DIN-TS 35 Rail Mount	IP20	Push-In Terminal, Incl. Label Field	Module Series M
PI-50BE (ES50)	180137	20 pcs	Relay Base			Incl. Label Field	
PI-50BE/3R (ES50/3)	180150	20 pcs	Relay Base				
HB/RP16 (MS16)	180029	20 pcs	Retaining Clip			Plastics	PI-50BE Base
PSS8/3 (7564)	180056	10 pcs	Relay Base	DIN-TS 35 Rail Mount	IP20	Excl. Label Field	Module Series EM
HB/PSS	180060	10 pcs	Retaining Clip			Plastics	PSS8/3 Base
BS/PSS	180057	10 pcs	Label Field				PSS8/3 Base

* For push-in terminals

■ ACCESSORIES MODULE SERIES M [for bases PI-50BE/3-CC(ES50/3G), PI-50BE (ES50), PI-50BE/3R (ES50/3), HB/RP16 (MS16)]

	TYPE CODE	SKU	QTY	DESCRIPTION	FUNCTION	VOLTAGE RANGE
	M21N	180261	20 pcs	Plug-In Module	Diode	6–230V DC (-A2, +A1)
	M21P	180260	20 pcs		Diode	6–230V DC (+A2, -A1)
	M31R	180262	20 pcs		Diode + LED (red)	6–24V DC (+A2, -A1)
	M41R	180263	20 pcs		Diode + LED (red)	6–24V DC (-A2, +A1)
	M53	180264	20 pcs		RC-Element	110–230V AC
	M61R	180265	20 pcs		LED (red)	6–24V AC/DC (-A2, +A1)
	M63R	180268	20 pcs		LED (red)	110–230V AC/DC (-A2, +A1)
	M71	180266	20 pcs		Varistor	24V AC
	M73	180267	20 pcs		Varistor	230V AC
	M93G	180276	20 pcs		Varistor + LED (green)	110–230V AC/DC (-A2, +A1)
	M103	180269	20 pcs		Bleeder Resistor	110–230V AC

■ ACCESSORIES MODULE SERIES EM [for base PSS8/3 (7564)]

	TYPE CODE	SKU	QTY	DESCRIPTION	FUNCTION	VOLTAGE RANGE
	EM 03	180300	10 pcs	Plug-In Module	RC-Element	110–230V AC
	EM 04	180301	10 pcs		Varistor	24V AC
	EM 05	180302	10 pcs		Varistor	230V AC
	EM 10	180307	10 pcs		LED (green)	110–230V AC
	EM 11	180308	10 pcs		LED (green)	6–24V AC/DC
	EM 12	180309	10 pcs		Diode + LED (green)	6–24V DC (-A2, +A1)

■ RELAY SETS

Pre-assembled combinations to save time during commission, available in three different variations:

RP024-2	+	EM12	+	PSS8/3 (7564)	+	HB-PSS	→	SET 1	ORDER INFORMATION	
									Type Code	RP024+LD/FD+PSS8+HB
									SKU	100681
									Quantity	12 pcs
									Coil Voltage	24V DC
									Diode + LED (green)	■
									Contacts	2 c/o DPDT
RP024-2	+	M41R	+	PI-50BE	+	HB/RP16	→	SET 2	ORDER INFORMATION	
									Type Code	RP024+LD/FD+PI-50BE+HB
									SKU	100682
									Quantity	12 pcs
									Coil Voltage	24V DC
									Diode + LED (red)	■
									Contacts	2 c/o DPDT
RP730-2	+	EM10	+	PSS8/3 (7564)	+	HB-PSS	→	SET 3	ORDER INFORMATION	
									Type Code	RP730+LD+PSS8+HB
									SKU	100684
									Quantity	12 pcs
									Coil Voltage	230V AC
									LED (green)	■
									Contacts	2 c/o DPDT

For dimensions, circuit diagrams and further technical details please scan this QR code



RT 8-/11-PIN INDUSTRIAL RELAYS



■ TECHNICAL DATA

MECHANICAL DESIGN

Form	Industrial General Purpose
Connection	8-pin or 11-pin
Plug-in Style	■
Manual Latch	■
LED Status Indication	■
Mechanical Lifecycle	20×10 ⁶ Operations

ELECTRICAL DESIGN

Rated Voltage	250V AC
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Min. Voltage	10V (AgNi) + 5V (AgNi/Au 5μm) AC/DC
Max. Voltage	440V AC

FREQUENCY RATINGS

Nominal Frequency	50/60Hz
Frequency Range	0.8 – 1.1×U _N

CURRENT RATINGS

Rated Switching Current	10A
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AMBIENT CONDITIONS

Operating Temperature	AC -40 to +131 °F (-40 to +55°) DC -40 to +158 °F (-40 to +70°C)
Storage Temperature	-40 to +185 °F (-40 to +85°C)
Vibration Resistance	5g (10 to 150Hz)
Shock Resistance	10g

DESIGN

Dimensions (W×H×D)	1.38×1.38×2.15in (35×35×54.5mm)
Certification	CE, cULus, EAC
Protection Class	IP40

■ YOUR INDUSTRIAL RELAY CONVERTED TO A HIGH PERFORMANCE TIMER

8- and 11-pin industrial style general purpose relays are easy to combine with the suitable relay bases Type ES9 (8-pin) and PF-113BE-M/ ES12 (11-pin). The multifunctional timing module COM3T lets you combine highly accurate timing functionalities with the enhanced switching capacity of a mini-contactor. This unique combination allows you to add eight timing functions and a time range from 50 milliseconds to 10 days to your standard plug-in relay:

- E** ON Delay
- R** OFF Delay with Control Input
- Ws** Single Shot Leading Edge with Control Input
- Wa** Single Shot Trailing Edge with Control Input
- Wu** Single Shot Leading Edge Voltage Controlled
- Es** On Delay with Control Input
- Bp** Flasher, Pause First
- Bi** Flasher, Impulse First

TYPE CODE	SKU	QTY	FUNCTIONS	TIME RANGES	VOLTAGE RANGE	RELAY CONTACTS	DIMENSIONS (W × H × D)
COM3T	237010	1 pcs	8 E, R, Ws, Wa, Wu, Es, Bp, Bi	8 (0.05s – 10d)	24 – 240V AC/DC	2 c/o (DPDT) or 3 c/o (3PDT) depending on RT relay	1.38×0.47×1.85in (35×12×47mm)



COM3T Module

+



RT Relay

+



Relay Base

→



COM3T + RT + Base



■ VARIATIONS [8-pin, 2 c/o (DPDT)]

TYPE CODE	SKU	QTY	LED	CONTACTS	PIN CONFIGURATION	COIL VOLTAGE	COIL RESISTANCE (±10%)
RT 1.2.012L	100508LD	10 pcs	■	2 c/o DPDT	8-pin	12V AC	18.5Ω
RT 1.2.024L	100507LD	10 pcs	■	2 c/o DPDT	8-pin	24V AC	75Ω
RT 1.2.110L	100505LD	10 pcs	■	2 c/o DPDT	8-pin	110V AC	1700Ω
RT 1.2.230L	100502LD	10 pcs	■	2 c/o DPDT	8-pin	230V AC	7800Ω
RT 2.2.012L	100517LD	10 pcs	■	2 c/o DPDT	8-pin	12V DC	110Ω
RT 2.2.024L	100516LD	10 pcs	■	2 c/o DPDT	8-pin	24V DC	430Ω



■ ACCESSORIES AND BASES

TYPE CODE	SKU	QTY	DESCRIPTION	MOUNT	PROTECTION	INFORMATION	SUITABLE FOR
ES9	180041	10 pcs	Relay Base	DIN-TS 35 Rail Mount	IP20	Incl. Tag, 8-Pin	Module Series TYPE
PF-083BE (ES8)	180139	10 pcs	Relay Base				
HB/RT	180043	10 pcs	Retaining Clip			Metal	Bases ES9, PF-083BE (ES8)



■ ACCESSORIES MODULE SERIES "TYPE" [for base ES9]

TYPE CODE	SKU	QTY	DESCRIPTION	FUNCTION	VOLTAGE RANGE
Type 21	180230	20 pcs	Plug-In Module for ES 9 Base	Diode	6–230V DC (-A2, +A1)
Type 41	180232	20 pcs		Diode + LED (red)	6–24V DC (-A2, +A1)

RT INDUSTRIAL 8-/11-PIN RELAYS



■ VARIATIONS [11-pin, 3 c/o (3PDT)]

TYPE CODE	SKU	QTY	GOLD PLATED CONTACTS	LED	DIODE	CONTACTS	PIN CONFIGURATION	COIL VOLTAGE	COIL RESISTANCE (±10%)
RT 1.3.024L	100526LD	10 pcs		■		3 c/o 3PDT	11-pin	24V AC	75Ω
RT 1.3.048L	100524LD	10 pcs		■		3 c/o 3PDT	11-pin	48V AC	305Ω
RT1.3.110L	100522LD	10 pcs		■		3 c/o 3PDT	11-pin	110V AC	1 700Ω
RT 1.3.230	100521	10 pcs				3 c/o 3PDT	11-pin	230V AC	7 800Ω
RT 1.3.230L	100521LD	10 pcs		■		3 c/o 3PDT	11-pin	230V AC	7 800Ω
RT 1.3.230.02L	100521H	10 pcs	■	■		3 c/o 3PDT	11-pin	230V AC	7 800Ω
RT 2.3.012L	100536LD	10 pcs		■		3 c/o 3PDT	11-pin	12V DC	110Ω
RT 2.3.024	100535	10 pcs				3 c/o 3PDT	11-pin	24V DC	430Ω
RT 2.3.024L	100535LD	10 pcs		■		3 c/o 3PDT	11-pin	24V DC	430Ω
RT 2.3.024.02L	100535H	10 pcs	■	■		3 c/o 3PDT	11-pin	24V DC	430Ω
RT 2.3.024LD	100535FD	10 pcs		■	■	3 c/o 3PDT	11-pin	24V DC	430Ω
RT 2.3.048L	100533LD	10 pcs		■		3 c/o 3PDT	11-pin	48V DC	1 750Ω
RT 2.3.060L	100532LD	10 pcs		■		3 c/o 3PDT	11-pin	60V DC	2 700Ω
RT 2.3.110	100531	10 pcs				3 c/o 3PDT	11-pin	110V DC	9 200Ω
RT 2.3.220	100530	10 pcs				3 c/o 3PDT	11-pin	220V DC	37 000Ω

■ ACCESSORIES AND BASES



TYPE CODE	SKU	QTY	DESCRIPTION	MOUNT	PROTECTION	INFORMATION	SUITABLE FOR
PF-113BE (R11X)	180155	10 pcs	Relay Base	DIN-TS 35 Rail Mount	IP20	Incl. Label Field, 11-Pin	Plug-In Modules
PF-113BE/M (ES12)	180136	10 pcs	Relay Base		IP20		
HB/RT	180043	10 pcs	Retaining Clip			Metal	Relay Bases PF-113BE (R11X), PF-113BE/M (ES12)

■ ACCESSORIES MODULE SERIES "TYPE" [for relay base PF-113BE/M (ES12)]



TYPE CODE	SKU	QTY	DESCRIPTION	FUNCTION	VOLTAGE RANGE
Type 21	180230	20 pcs	Plug-In Module for ES 12 Base	Diode	6–230V DC (-A2, +A1)
Type 41	180232	20 pcs		Diode + LED (red)	6–24V DC (-A2, +A1)

For dimensions, circuit diagrams and further technical details please scan this QR code



SKR & STKR SLIM INTERFACE RELAYS



TECHNICAL DATA

MECHANICAL DESIGN

Form	Slim Interface Relay, Slim Interface Relay with Interchangeable Relay
Mount	DIN-Rail Mount
Relay Configuration	1 c/o SPDT
Mechanical Lifecycle	2×10 ⁷ Operations

ELECTRICAL DESIGN

Min. Voltage	10V AC/DC
Max. Voltage	400V AC / 250V DC

CURRENT RATINGS

Rated Switching Current	6A
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AMBIENT CONDITIONS

Operating Temperature	-40 to 131 °F (-40 to +55 °C) (+160 °F [+60 °C] only for SKR 024+STKR 024)
Storage Temperature	-40 to +158 °F (-40 to +70 °C)
Vibration Resistance	5g (10 to 500Hz)
Shock Resistance	10g

DESIGN

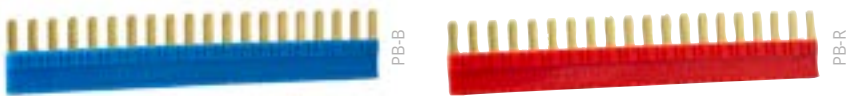
Certification	CE, cULus, EAC
Protection Class	IP20



VARIATIONS

TYPE CODE	SKU	QTY	DESIGN	LED INDICATOR	COIL VOLTAGE	POWER CON-SUMPTION	FREQUENCY RANGE	DIMENSIONS (W×H×D)
SKR 024	180500	10 pcs	Slim Interface Relay	■	24V DC	0.4W	0.8 – 1.17×U _N	0.24 x 3.69 x 2.99 in (6.2×93.8×76 mm)
SKR 524	180501	10 pcs		■	24V AC/DC	0.5VA	0.8 – 1.1×U _N	
SKR 730	180502	10 pcs		■	230V AC	1.0VA	0.7 – 1.1×U _N	
STKR 024	180503	10 pcs	Slim Inter-face Relay, Interchange-able Relay	■	24V DC	0.3W	0.8 – 1.16×U _N	0.24 x 3.37 x 3.88 in (6.2×85.5×98.5 mm)
STKR 524	180504	10 pcs		■	24V AC/DC	0.3VA/0.3W	0.8 – 1.1×U _N	
STKR 615	180506	10 pcs		■	115V AC/DC	0.3VA/0.3W	0.8 – 1.1×U _N	
STKR 730	180505	10 St.		■	230V AC	0.8VA/0.8W	0.8 – 1.1×U _N	

ACCESSORIES JUMPER LINKS



TYPE CODE	SKU	QTY	FUNCTION	PINS	DIMENSIONS (W×H×D)
PB-B	180535	10 pcs	BLUE Jumper Link for Series STKR + SKR	20-pin	0.11×0.83×48.7 in (2.8×21×123.7 mm)
PB-R	180536	10 pcs	RED Jumper Link for Series STKR + SKR	20-pin	0.11×0.83×48.7 in (2.8×21×123.7 mm)

For dimensions, circuit diagrams and further technical details please scan this QR code



TELE SWITCHING RELAYS TYPE CODES

DIGIT 1 – 2		DIGIT 3		DIGIT 4 – 5		DIGIT 6 – 11	
RA	Miniature Relay, Type RA, 2 Contacts	0	0–99V DC	Rated Coil Voltage (tens digit + ones digit)		.02	Gold Plated Contacts
RM	Miniature Relay, Type RM, 4 Contacts	1	100–199V DC			L	LED
RP	PCB Power Relay, Type RP	2	200–300V DC			D	Diode
		5	0–99V AC			-N	Manual Latch and Test Button
		6	100–199V AC			-1	SPDT (RP Series Only)
		7	200–299V AC			-2	DPDT (RP Series Only)

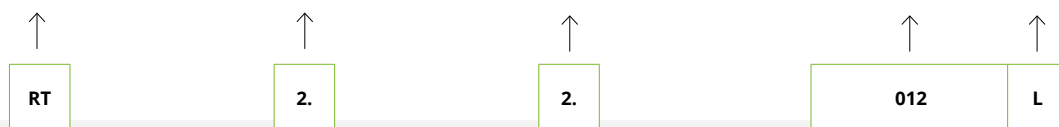


Product Code Example for RM Series Miniature Relay

RM	5	24	.02L-N	RM 524.02L-N
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RM Miniature Relay, with 24V AC coil voltage, gold plated contacts, LED and manual latch/test button.

DIGIT 1 – 2		DIGIT 3 – 4		DIGIT 5 – 6		DIGIT 7 – 9		DIGIT 10 – 13	
RT	Industrial Style Relay	1.	Coil Voltage AC	2.	2 c/o DPDT and 8-pins	Coil Voltage AC or DC		.02	Gold Plated Contacts
		2.	Coil Voltage DC	3.	3 c/o 3PDT and 11-pins			L	LED
								D	Diode



Product Code Example for RT Series Industrial General Purpose Relay

RT	2.	2.	012	L	RT 2.2.012L
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RT Industrial Relay, with 12 V DC coil voltage and 2 changeover contacts | DPDT, with LED status indication.

DIGIT 1 – 3			DIGIT 4	DIGIT 5 – 6	
SKR	Slim Interface Relay	0	0–99V DC	Rated Coil Voltage (tens digit + ones digit)	
		1	100–199V DC		
		2	200–300V DC		
		5	0–99V AC/DC		
		6	100–199V AC/DC		
		7	200–299V AC/DC		
↑		↑		↑	
SKR		5		24	

Product Code Example for SKR Slim Interface Relay

SKR	0	24	SKR 024
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Slim Interface Relay for 24V DC.

DIGIT 1 – 4			DIGIT 5	DIGIT 6 – 7	
STKR	Slim Interface Relay, interchangeable	0	0–99V DC	Rated Coil Voltage (tens digit + ones digit)	
		1	100–199V DC		
		2	200–300V DC		
		5	0–99V AC/DC		
		6	100–199V AC/DC		
		7	200–299V AC/DC		
↑		↑		↑	
STKR		5		24	

Product Code Example for STKR Slim Interface Relay with Interchangeable Relay Module

STKR	5	24	STKR 524
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Slim Interface Relay with interchangeable relay module for 24V AC/DC.

TELE SWITCHING RELAYS



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