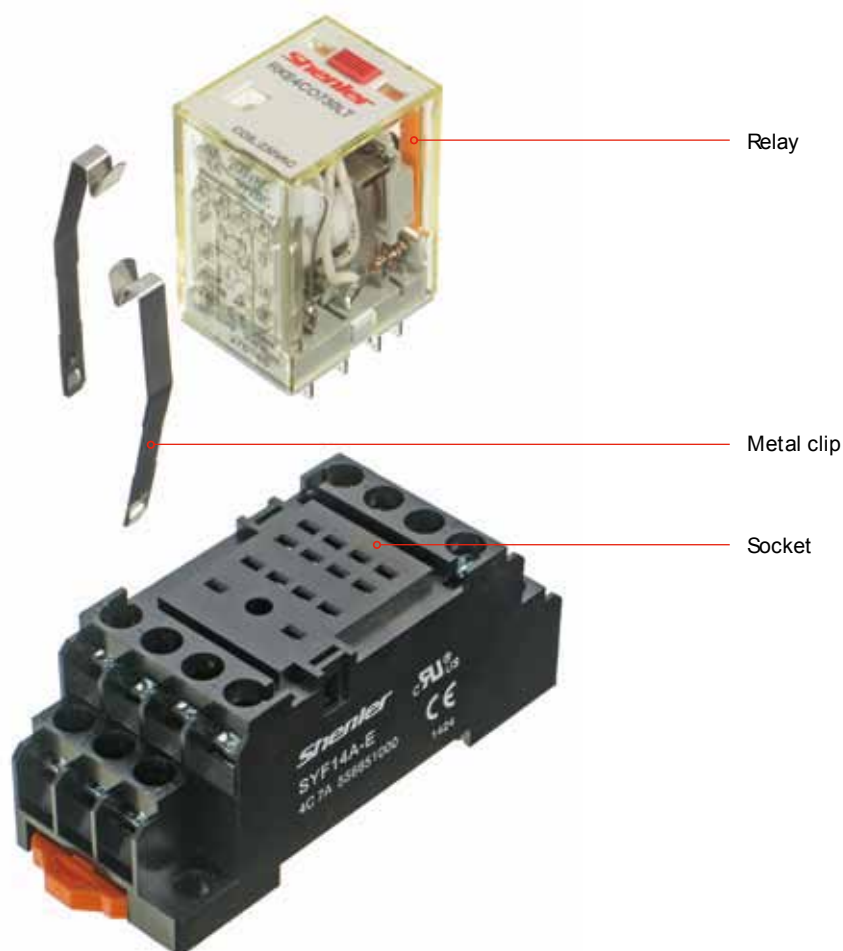








>>> RKE Miniature General Purpose Relay



>>> Socket selection table

					
SKF14-E	SKB14-E	SKC14-E	SYF14-A	SKF14-A	SY14-P



RKE2CO



RKE4CO



Feature

- > 2 pole 7A; 4 pole 5A
- > Double side LED integrated in relay
- > Test button and inspection window
- > Identification of coils through test button color (AC red/DC blue)
- > Conformity with RoHs directive

Ordering information

RKE

Contact configuration _____
2, 4 (C: Change over)

Mount Options _____
O: plug in

Coil Voltage _____
006~220: 6~220VDC
506~880: 6~380VAC

Options _____
LT:LED + test button
LTD: LED + test button +diode
LS: sealed type with LED (especially for much dust and high humidity enviroment)
A: for signal control (selection plus A, namely LTA, LTDA, LSA)

Characteristics

Configuration		2C	4C
Contact	Rated current/ rated voltage	AC-1 7A/250VAC 30VDC	5A/250VAC 30VDC
		AC-15 1/3HP, 120VAC, 1/2HP, 240VAC	1/3HP, 240VAC 1/6HP,240VAC
	Switching capacity (resistive)	2500VA, 300W	1250VA 150W
	Initial contact resistance	≤50mΩ	
	Material	Ag alloy	
	Electrical durability	≥10 ⁵ times (1800 Ops/h)	
Mechanical durability	≥10 ⁷ times (18000 Ops/h)		
Pick-up voltage (23°C)	DC:≤75% Rated voltage, AC:≤80% Rated voltage		
Drop-out voltage (23°C)	DC:≥10% Rated voltage, AC:≥30% Rated voltage		
Maximum voltage (23°C)	110% Rated voltage		
Insulation resistance	≥500mΩ (500VDC)		
Coil operating power	DC(W)	0.9	
	AC(VA)	1.2	
Operate time (at nominal voltage)	≤20 ms		
Release time (at nominal voltage)	≤20 ms		
Initial breakdown voltage	Between open contacts	1000VAC/1min	
	Between poles	1500VAC/1min	
	Between contacts and coil	2000VAC/1min	
Ambient temperature	-55~+70°C		
Humidity	35%~85%RH		
Air pressure	86~106KPa		
Shock resistance	10G		
Vibration resistance	10~55Hz double-amplitude:1.0mm		
Mounting	plug in		
Unit weight	35g		

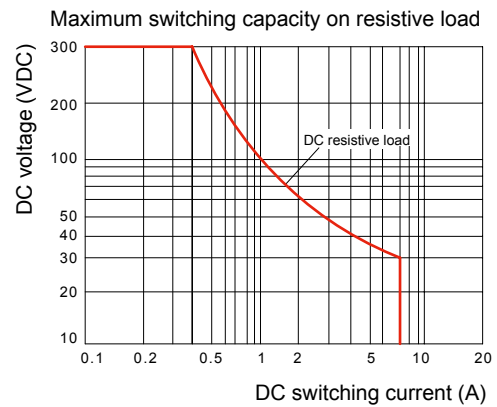
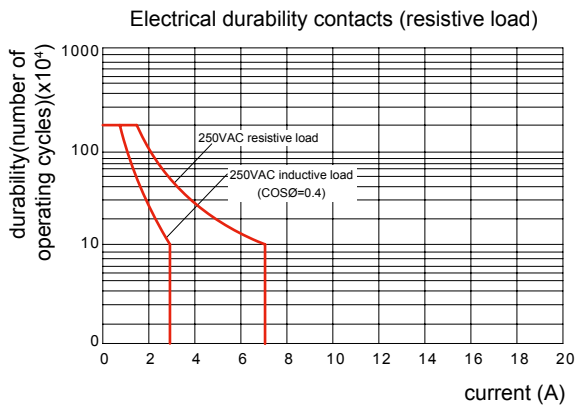
>>> RKE Miniature General Purpose Relay

Coil Specifications (23°C)

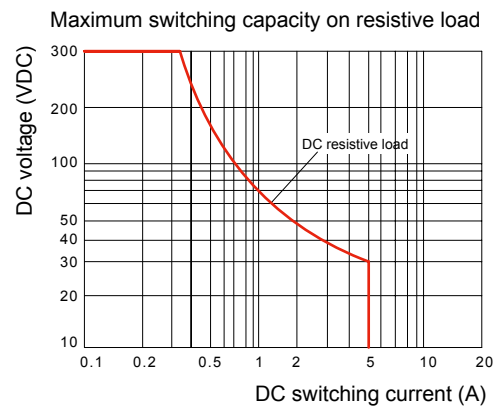
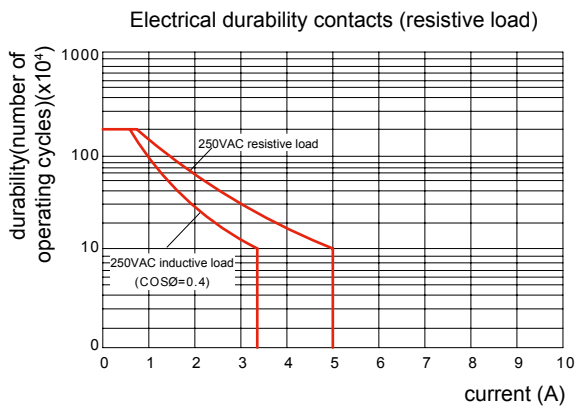
Voltage Code	006	009	012	024	036	048	110	220		
Nominal Voltage V.DC	6	9	12	24	36	48	110	220		
Coil resistance Ω ($\pm 10\%$)	40	90	180	640	1500	2600	13000	42000		
Voltage Code	506	512	524	536	548	615	720	730	740	880
Nominal Voltage V.AC	6	12	24	36	48	115	220	230	240	380
Coil resistance Ω ($\pm 10\%$)	11.5	40	180	370	640	4430	13000	16500	18790	42000

Contact specification

RKE2CO

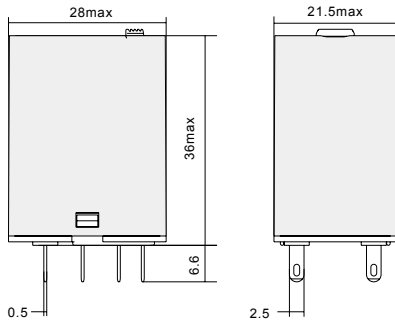


RKE4CO

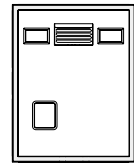
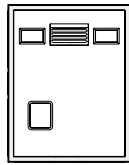
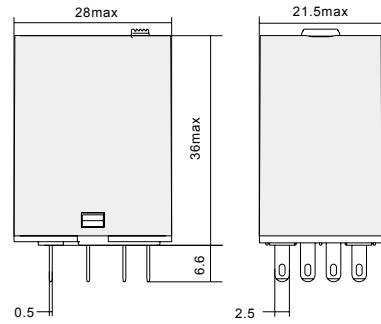


Dimensions (mm)

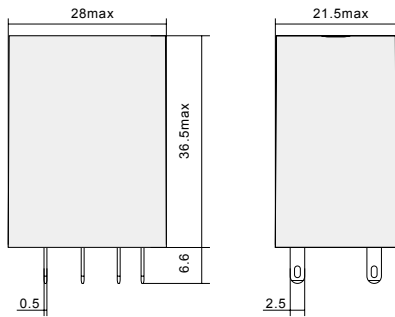
RKE2CO



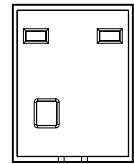
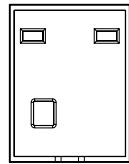
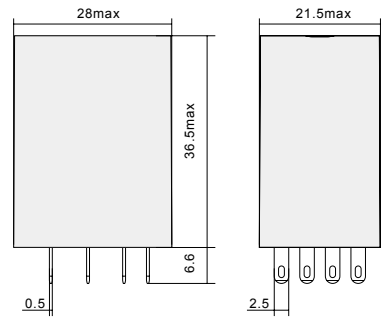
RKE4CO



RKE2CO-LS

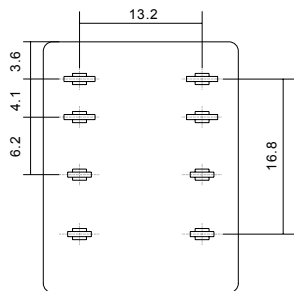


RKE4CO-LS

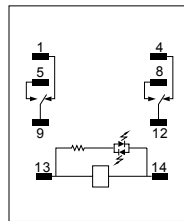


Schemes

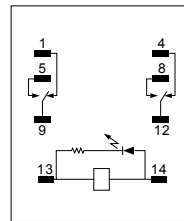
RKE2CO



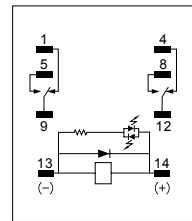
DC



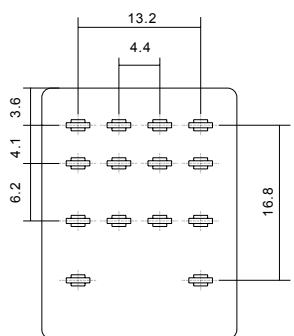
AC



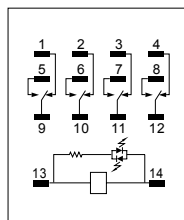
DC-D



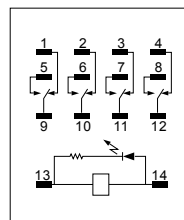
RKE4CO



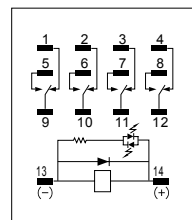
DC



AC



DC-D



>>> RKE Miniature General Purpose Relay

RKE Socket

>>> SYF□□A-E

Presentation



7/10 AMPS 300 VOLTS



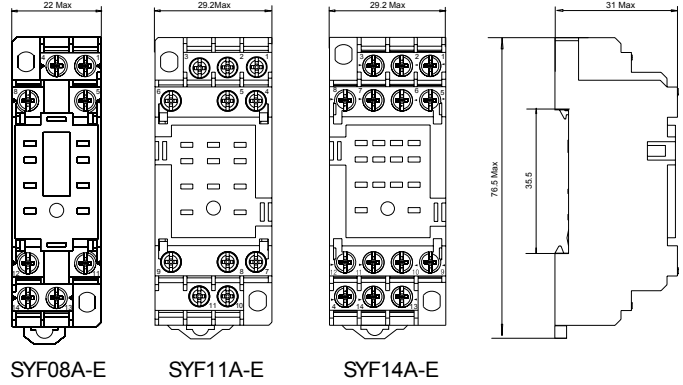
Characteristic

Type			SYF08A-E	SYF11A-E	SYF14A-E
Nominal Load	Current	A	10	7	7
	Voltage	V	300		
Dielectric strength	V/S		2000		
Max. tightening torque	Nm		1.0		
Wire size	AWG/mm ²		20-14/0.5-2.5		
Ambient temperature	°C		-40~+65		
Unit weight	g		37	56	57

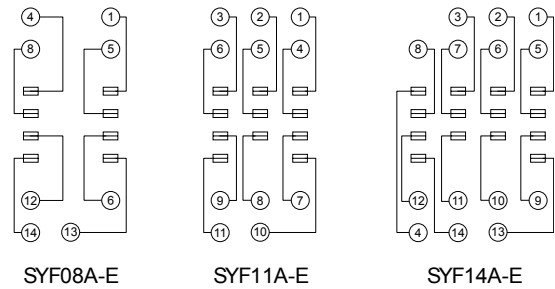
Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SYF08A-E	-	-	-	-	-
SYF11A-E	-	SY36S	-	-	PFP
SYF14A-E	-	-	-	-	-

Dimensions (mm)



Connection Diagrams



>>> SKF□□-E

Presentation



10/12 AMPS 300 VOLTS



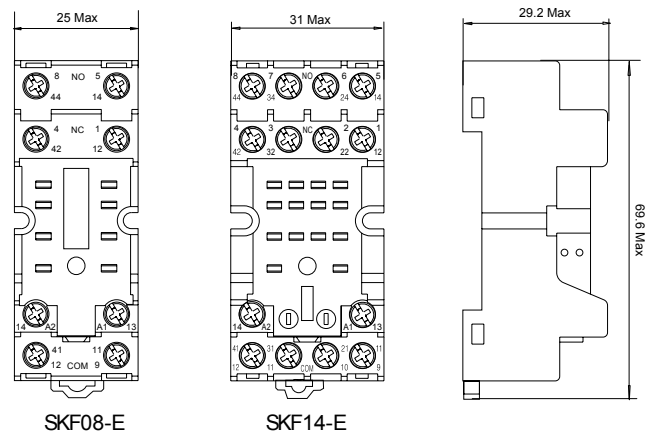
Characteristic

Type			SKF08-E	SKF14-E
Nominal Load	Current	A	12	10
	Voltage	V	300	
Dielectric strength	V/S		2500	
Max. tightening torque	Nm		1	
Wire size	AWG/mm ²		20-14/0.5-2.5	
Ambient temperature	°C		-40~+85	
Unit weight	g		35	45

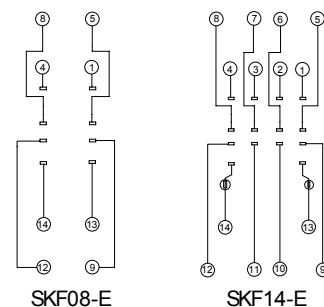
Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SKF08-E	-	SK36M	SK2P	-	PFP
SKF14-E	-	-	-	AMD	-

Dimensions (mm)



Connection Diagrams



RKE Socket

▶▶ **SKB□□-E**

Presentation



10/12 AMPS 300 VOLTS



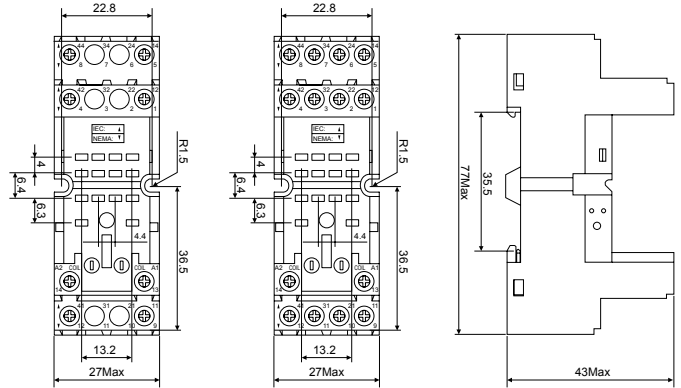
Characteristic

Type			SKB08-E	SKB14-E
Nominal Load	Current	A	12	10
	Voltage	V	300	
Dielectric strength	Between coil and contact	V/S	4000	
	Between contacts	V/S	2500	
Max. tightening torque		Nm	1.0	
Wire size		AWG/mm ²	20-14/0.5-2.5	
Ambient temperature		°C	-40~+85	
Unit weight		g	50	56

Relay,accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SKB08-E	SK36F	SK36M	SK4P	AMD	PFP
SKB14-E					

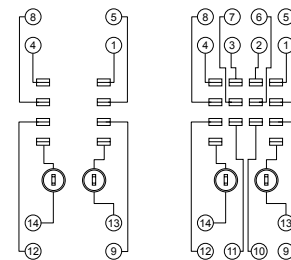
Dimensions (mm)



SKB08-E

SKB14-E

Connection Diagrams



SKB08-E

SKB14-E

▶▶ **SKC□□-E**

Presentation



10/12 AMPS 300 VOLTS



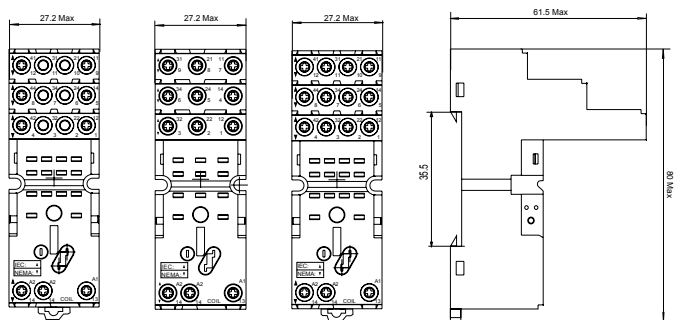
Characteristic

Type			SKC08-E	SKC11-E	SKC14-E
Nominal Load	Current	A	12	10	10
	Voltage	V	300		
Dielectric strength	Between coil and contact	V/S	4000		
	Between contacts	V/S	2500		
Max. tightening torque		Nm	1.0		
Wire size		AWG/mm ²	20-14/0.5-2.5		
Ambient temperature		°C	-40~+85		
Unit weight		g	50	56	62

Relay,accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SKC08-E					
SKC11-E	SK36F	SK36M	SK4P	AMD	PFP
SKC14-E					

Dimensions (mm)

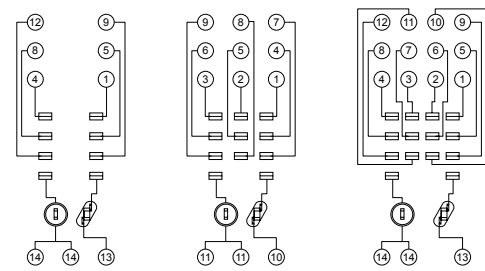


SKC08-E

SKC11-E

SKC14-E

Connection Diagrams



SKC08-E

SKC11-E

SKC14-E

>>> RKE Miniature General Purpose Relay

RKE Socket

>>> SKC08-ES

Presentation



12 AMPS 300 VOLTS



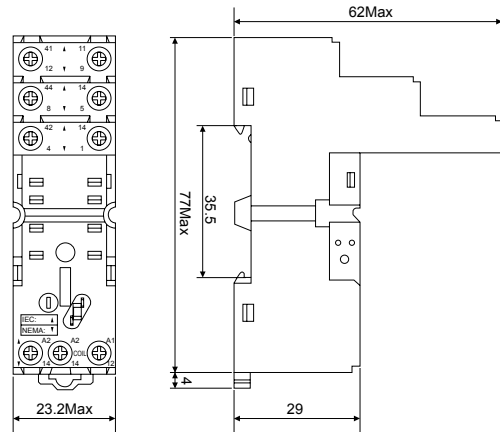
Characteristic

Nominal Load	Current	A	12
	Voltage	V	300
Dielectric strength	Between coil and contact	V/S	4000
	Between contacts	V/S	2500
Max. tightening torque	Nm	1.0	
Wire size	AWG/mm ²	20-14/0.5-2.5	
Ambient temperature	°C	-40~+85	
Unit weight	g	44	

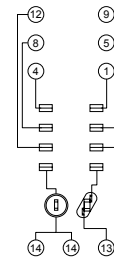
Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SKC08-ES	SK36N	-	SK4P	AMD	PFP

Dimensions (mm)



Connection Diagrams



>>> SYF□□A

Presentation



7/10 AMPS 300 VOLTS



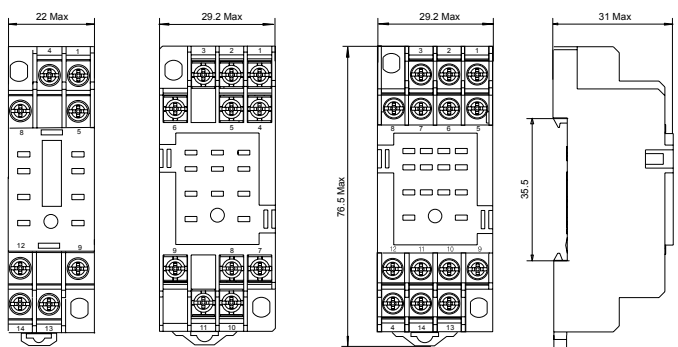
Characteristic

Type			SYF08A	SYF11A	SYF14A
Nominal Load	Current	A	10	7	7
	Voltage	V	300		
Dielectric strength	V/S		2000		
Max. tightening torque	Nm		1.0		
Wire size	AWG/mm ²		20-14/0.5-2.5		
Ambient temperature	°C		-40 +65		
Unit weight	g		34	47	56

Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SYF08A					
SYF11A	-	SY36S	-	-	PFP
SYF14A					

Dimensions (mm)

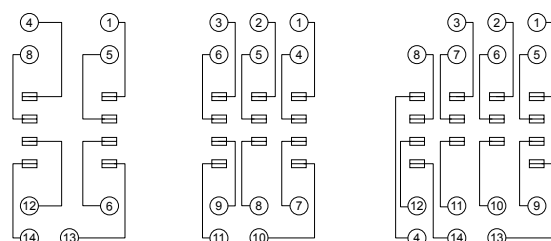


SYF08A

SYF11A

SYF14A

Connection Diagrams



SYF08A

SYF11A

SYF14A

RKE Socket

>>> SKF14-A

Presentation



10 AMPS 300 VOLTS



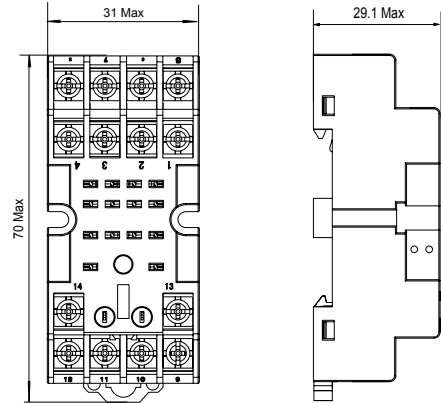
Characteristic

Nominal Load	Current	A	10
	Voltage	V	300
Dielectric strength	V/S		2500
Max. tightening torque	Nm		1.0
Wire size	AWG/mm ²		20-14/0.5-2.5
Ambient temperature	°C		-40~+85
Unit weight	g		42.9

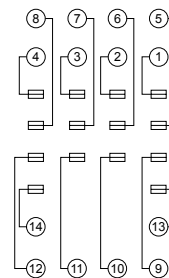
Relay,accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SKF14-A	-	SK36M	SK2P	AMD	PFP

Dimensions (mm)



Connection Diagrams



>>> SY□□-P

Presentation



10/12 AMPS 300 VOLTS



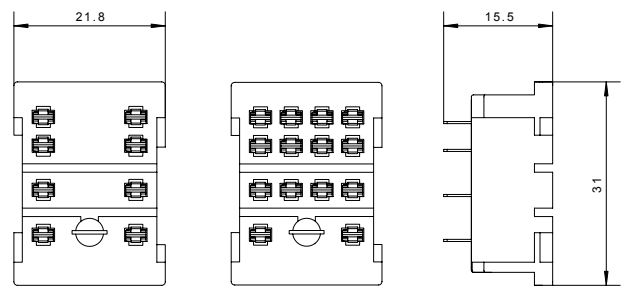
Characteristic

Type			SY08-P	SY14-P
Nominal Load	Current	A	12	10
	Voltage	V	300	
Dielectric strength	V/S		2000	
Ambient temperature	°C		-40~+85	
Unit weight	g		7	7

Relay,accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SY08-P	-	SK36M	-	-	-
SY14-P	-	SK36M	-	-	-

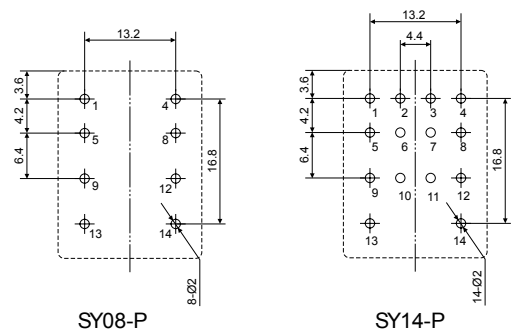
Dimensions (mm)



SY08-P

SY14-P

Connection Diagrams



SY08-P

SY14-P