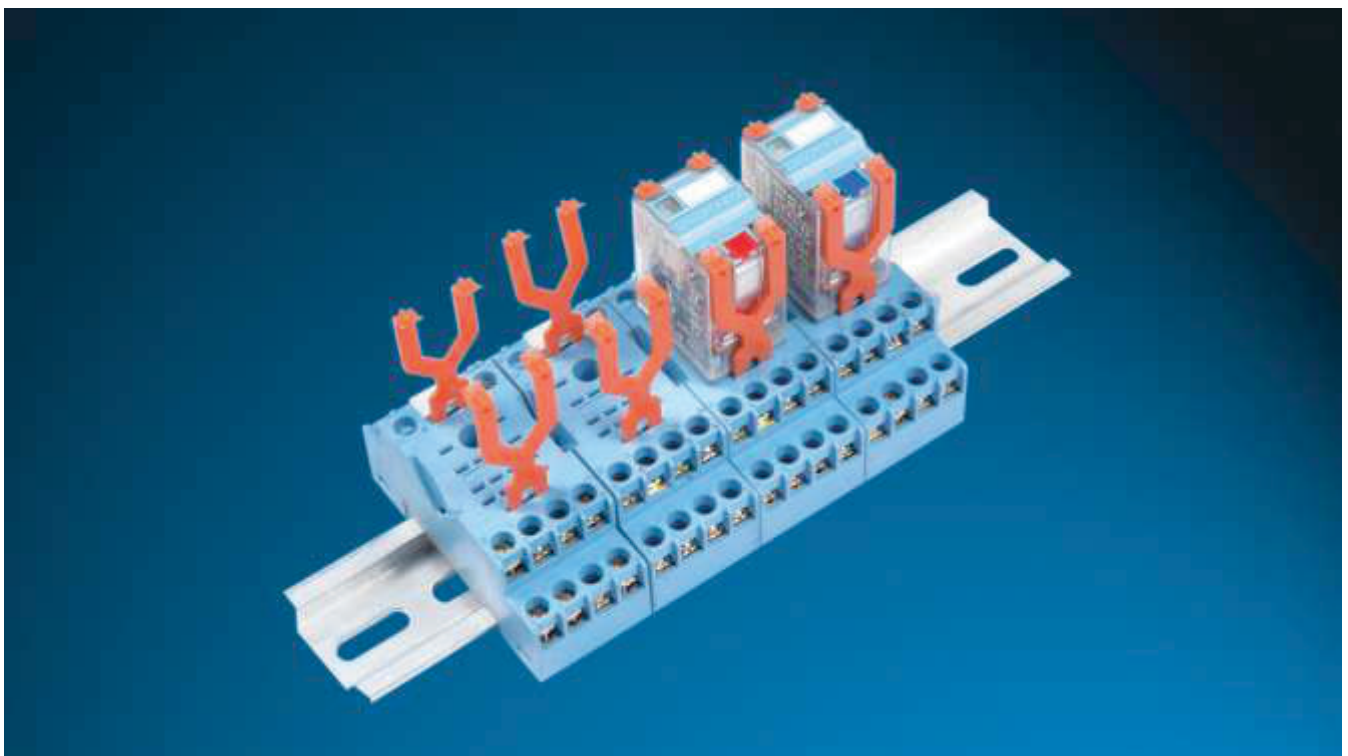
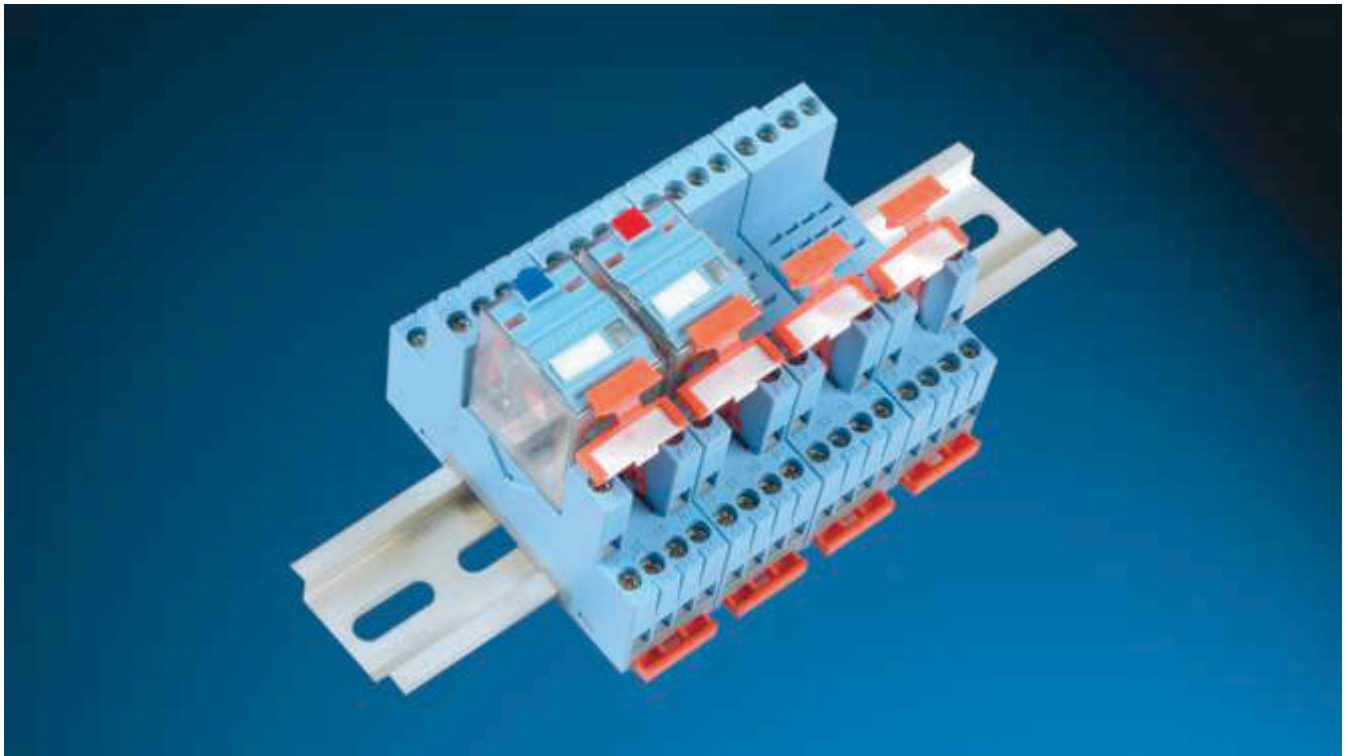


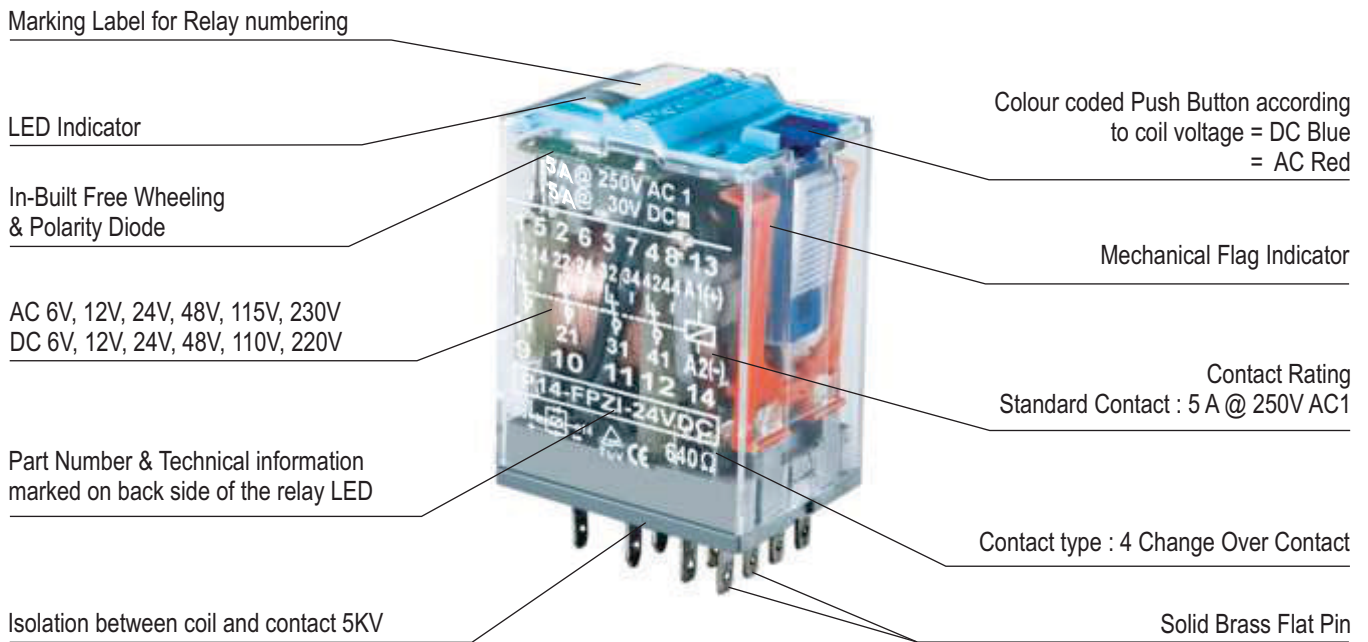
Catalogue

Series P14

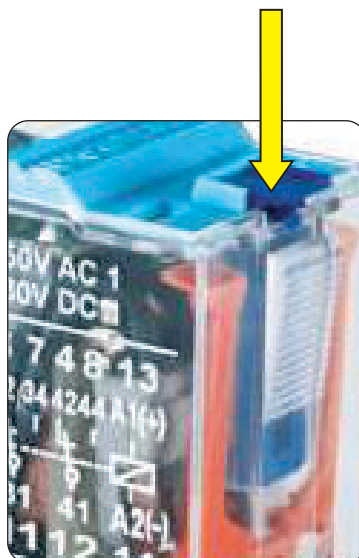


P14 FEATURES

Benefits
of the new **Plus** system

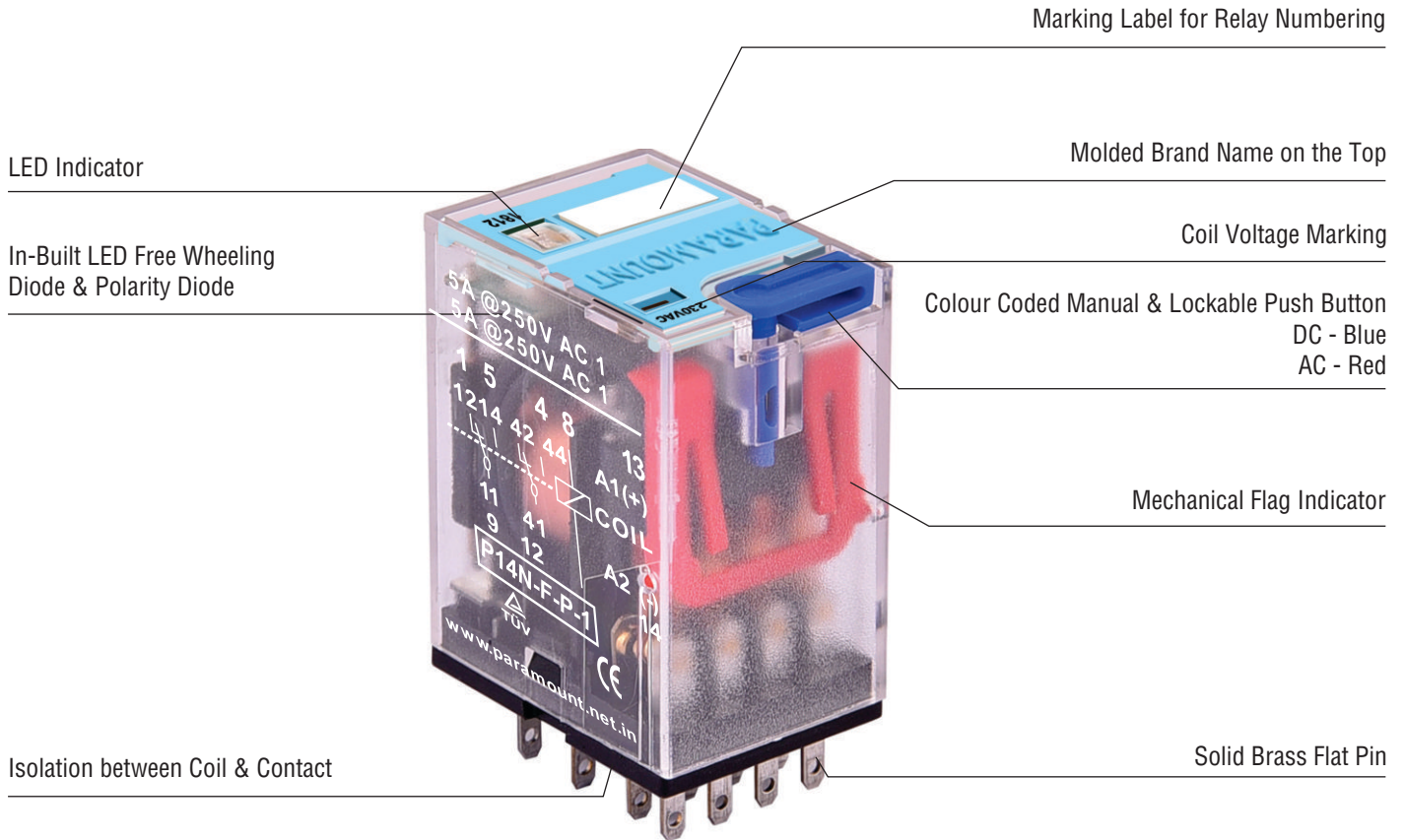


P14 is a Four Pole Compact Industrial Plug In Relay with all the In-built Mechanical and Electronic Features.

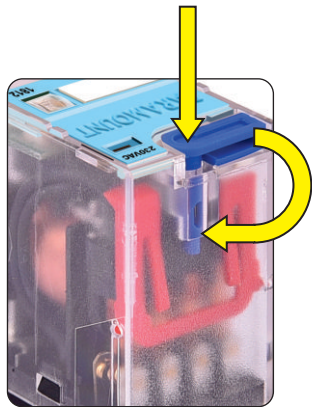


Press the Button on Top for Manual Lock

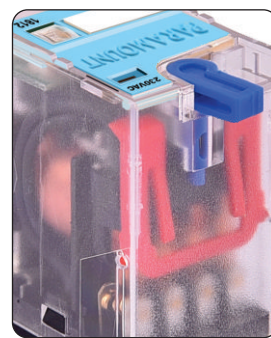
P14 N FEATURES



OPERATION FOR MANUAL AND LOCKABLE PUSH BUTTON

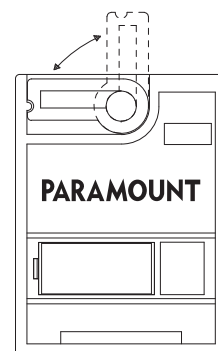
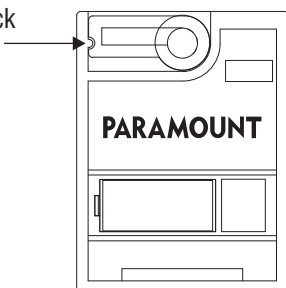


Press the Slot on Top with the help of Screw Driver for Manual Lock



Turn the button 90 Degree for Activating the Lockable Button

Mechanically Lock the Lockable Button in the OFF Position



DESIGN FEATURES OF P14 & P14 N RELAY

High bright High Reliability
SMD ORANGE LED

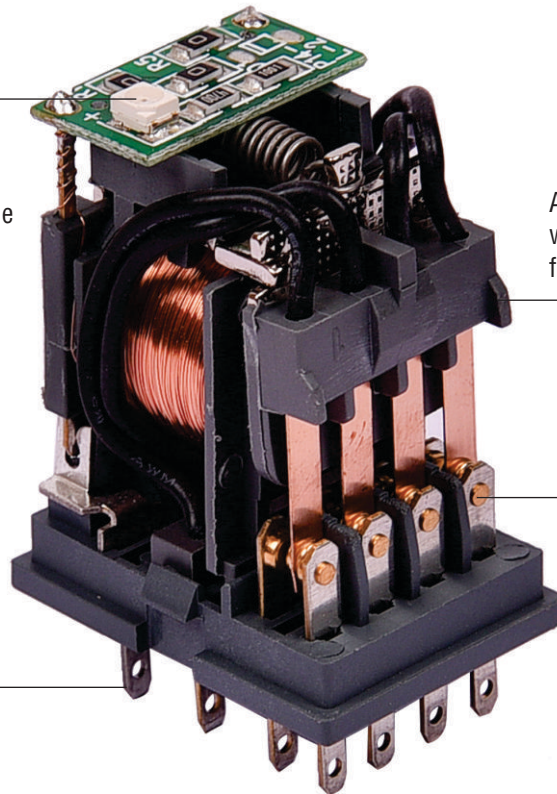
Various Types of Electronics like :

- 1 Built in LED
- 2 Built in LED & Free Wheeling Diode
- 3 Built in LED Free Wheeling Diode
& Polarity Diode
- 4 Built in Free Wheeling Diode
- 5 Built in Bridge Rectifier
- 6 Built in RC

Armature with Change Over Terminal are
welded and over molded for high Reliability
for High Insulation Armature Assembly

Builtin Molded Isolator

Contacts with 0.2 Au Gold Flash

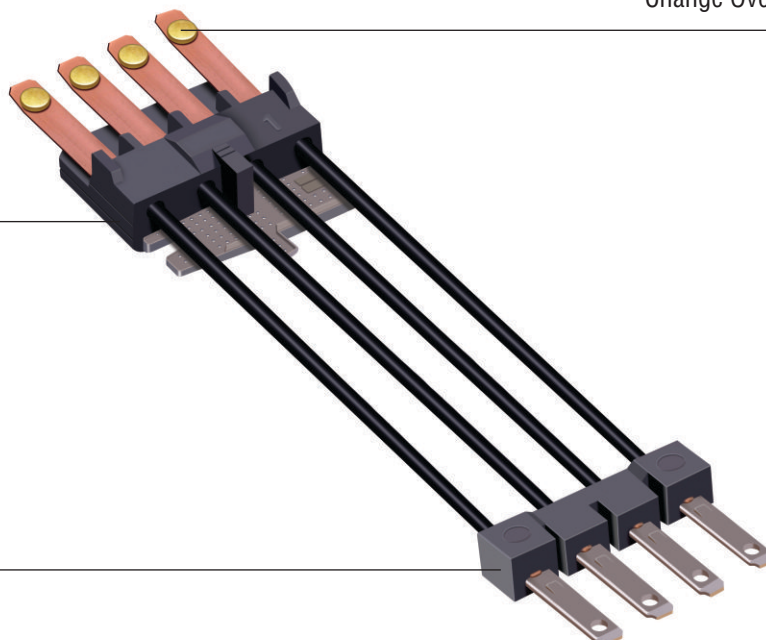


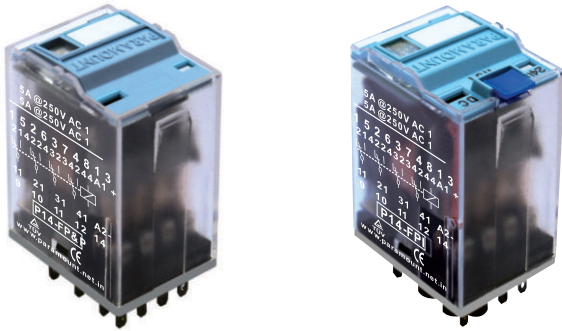
ARMATURE ASSEMBLY

Change Over Terminal with 0.2 Gold Flash

Molded Armature Assembly

Insert Molded CO Terminal





P14

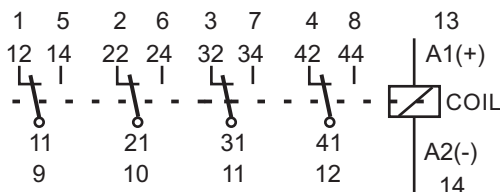
(Minimum 100,000 Electrical Operation)

4 Pole, Change-Over Contacts

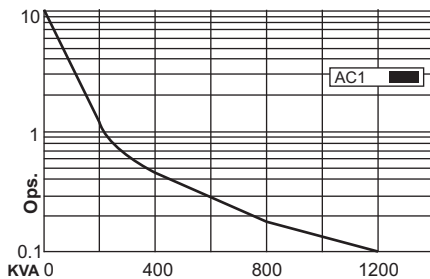
5 A 250V AC1 50Hz

5 A 30V DC1

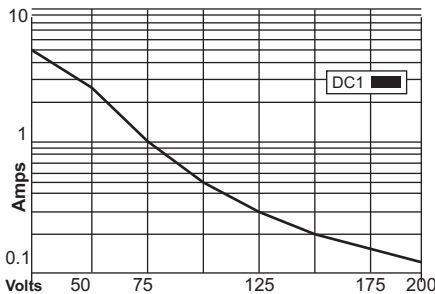
Pin configuration for P14



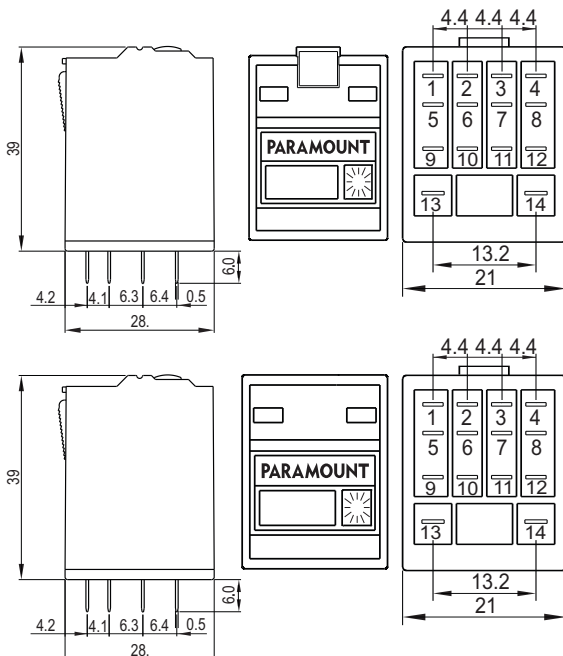
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



Contacts

Materials : Standard	AgNi
Code 1 : AgNi + 0.2 Au	AgNi + Au
Code 2 : AgNi + 0.2 Au plating	AgNi + Au
Max. switching current	5 A
Max. Peak inrush current (20 ms.)	15 A
Max. Switching voltage	250 V
Max. AC load (Table 1)	2.5 KVA

Coils (Ohms ± 10% @ 20°C)

Pull-in voltage	≤ 0.8 x Un
Drop-out voltage	≥ 0.1 x Un
Nominal Coil Power	1.2 VA (AC) / 1.W (DC)

VAC	Ω	VDC	Ω
6	12	6	40
12	50	12	160
24	190	24	640
48	785	48	2600
110	3880	110	13600
230	17400	220	54000

Insulation

Dielectric strength (1 minute): Open contacts	
Between adjacent poles	2.5 KV
Between Contacts & Coil	2.5KV
Insulation resistance at 500V	>3GΩ
Isolation, IEC 61810-5:	2.5KV / 3

Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	6 ms.
Ambient Temperature	-40°C (no ice)... +70°C
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 100,000 ops. Minimum
Operating frequency at nominal load	1,200 / hour
Protection degree	IP40 / RT1
Weight avg.	43 grs.

Standard Types

AC 50 Hz : 24, 48, 115, 230

P = LED Indicator across the coil	P14-P	- 1 VAC
F = Mechanical Flag Indicator	P14-FP	- 1 VAC
I = Manual & Lockable Push Button	P14-FPI	- 1 VDC

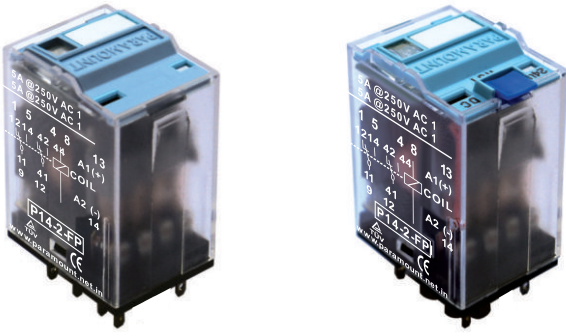
DC 12, 24V, 48, 110, 220

P = LED Indicator across the coil	P14-P	- 1 VDC
F = Mechanical Flag Indicator	P14-FP	- 1 VDC
I = Manual & Lockable Push Button	P14-FPI	- 1 VDC
Z = Free wheeling & Polarity Diode	P14-FPZI	- 1 VDC
W = Free Wheeling Diode	P14-FPW	- 1 VDC

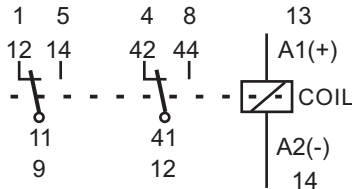
Suitable Sockets : S14D-R, S14LD-R, S14ED-R, S14P

Approvals

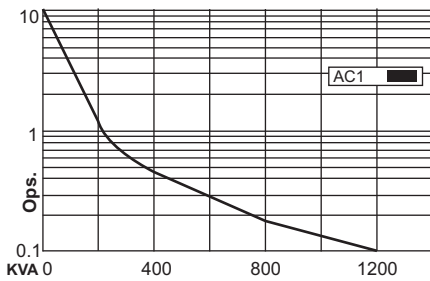




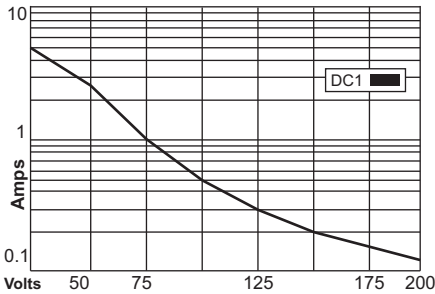
Pin configuration for P14-2



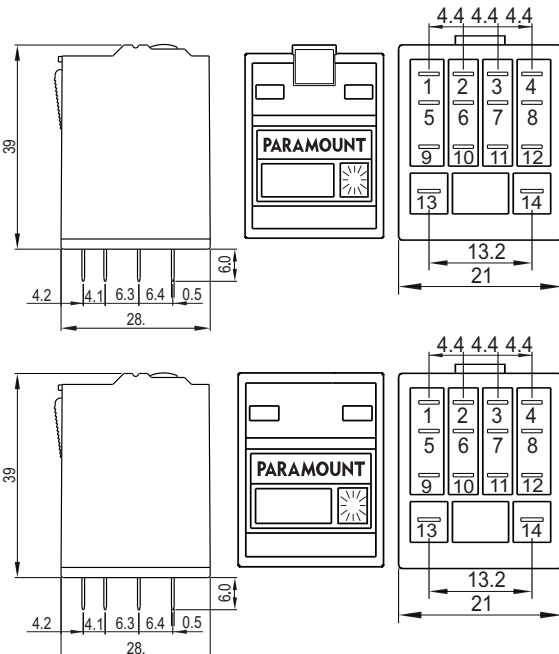
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P14-2

(Minimum 100,000 Electrical Operation)

2 Pole, Change-Over Contacts

5 A 250V AC1 50Hz

5 A 30V DC1

Contacts

Materials : Standard	AgNi
Code 1 : AgNi + 0.2 Au	AgNi + Au
Code 2 : AgNi + 0.2 Au plating	AgNi + Au
Max. switching current	5 A
Max. Peak inrush current (20 ms.)	15 A
Max. Switching voltage	250 V
Max. AC load (Table 1)	2.5 KVA

Coils (Ohms ± 10% @ 20°C)

Pull-in voltage	≤ 0.8 x Un
Drop-out voltage	≥ 0.1 x Un
Nominal Coil Power	1.2 VA (AC) / 1.W (DC)

VAC	Ω	VDC	Ω
6	12	6	40
12	50	12	160
24	190	24	640
48	785	48	2600
110	3880	110	13600
230	17400	220	54000

Insulation

Dielectric strength (1 minute): Open contacts	2.5 KV
Between adjacent poles	2.5KV
Between Contacts & Coil	>3GΩ
Insolation resistance at 500V	2.5KV / 3
Isolation, IEC 61810-5:	

Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	6 ms.
Ambient Temperature	-40°C (no ice)... +70°C
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 100,000 ops. Minimum
Operating frequency at nominal load	1,200 / hour
Protection degree	IP40 / RT1
Weight avg.	43 grs.

Standard Types

AC 50 Hz : 24, 48, 115, 230

P = LED Indicator across the coil	P14-2-P - 1 VAC
F = Mechanical Flag Indicator	P14-2-FP - 1 VAC
I = Manual & Lockable Push Button	P14-2-FPI - 1 VDC

DC 12, 24V, 48, 110, 220

P = LED Indicator across the coil	P14-2-P - 1 VDC
F = Mechanical Flag Indicator	P14-2-FP - 1 VDC
I = Manual & Lockable Push Button	P14-2-FPI - 1 VDC
W = Free Wheeling Diode	P14-2-FPW - 1 VDC
Z = Free wheeling & Polarity Diode	P14-2-FPZI - 1 VDC

Suitable Sockets : S12D-R, S12LD-R, S8ED-R, S12P

Approvals





P14.....E

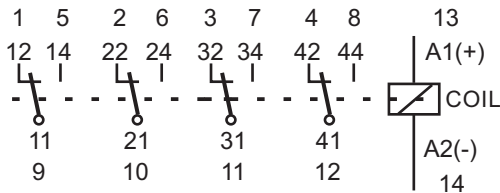
(Minimum 100,000 Electrical Operation)

4 Pole, Change-Over Contacts

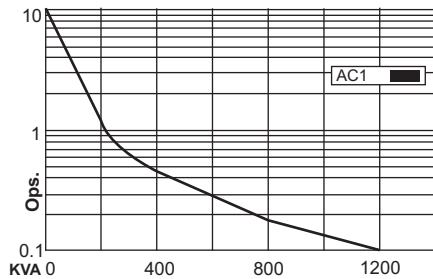
5 A 250V AC1 50Hz

5 A 30V DC1

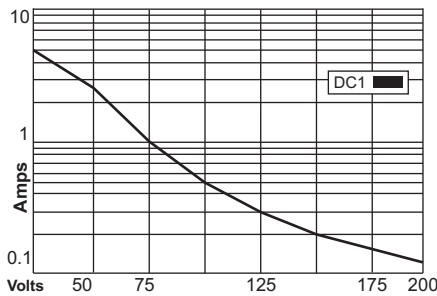
Pin configuration for P14.....E



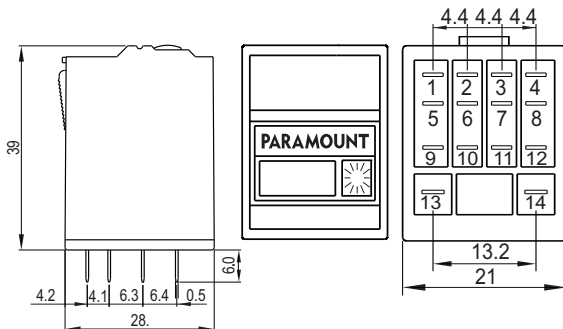
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



Contacts

Materials : Standard	AgNi
Code 1 : AgNi + 0.2 Au	AgNi + Au
Code 2 : AgNi + 0.2 Au plating	AgNi + Au
Max. switching current	5 A
Max. Peak inrush current (20 ms.)	15 A
Max. Switching voltage	250 V
Max. AC load (Table 1)	2.5 KVA

Coils (Ohms ± 10% @ 20°C)

Pull-in voltage	≤ 0.8 x Un
Drop-out voltage	≥ 0.1 x Un
Nominal Coil Power	1.2 VA (AC) / 1.W (DC)

VAC	Ω	VDC	Ω
6	12	6	40
12	50	12	160
24	190	24	640
48	785	48	2600
110	3880	110	13600
230	17400	220	54000

Insulation

Dielectric strength (1 minute): Open contacts	2.5 KV
Between adjacent poles	2.5KV
Between Contacts & Coil	>3GΩ
Insolation resistance at 500V	2.5KV / 3
Isolation, IEC 61810-5:	

Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	6 ms.
Ambient Temperature	-40°C (no ice)... +70°C
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 100,000 ops. Minimum
Operating frequency at nominal load	1,200 / hour
Protection degree	IP40 / RT1
Weight avg.	43 grs.

Standard Types

AC 50 Hz : 24, 48, 115, 230	
P = LED Indicator across the coil	P14-P -1-E ... VAC
DC 12, 24V, 48, 110, 220	
P = LED Indicator across the coil	P14-P -1-E ... VDC
W = Free Wheeling Diode	P14-PW-1-E ... VDC

Suitable Sockets : S14D-RE, S14LD-RE, S14ED-RE, S14P

Approvals

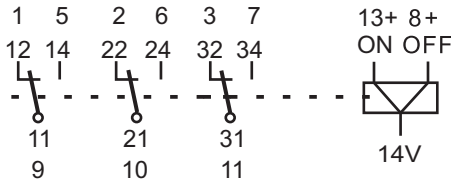




P14-L

Latching Relay, 3CO Contacts
(Two coils with Common Negative)
5 A 250V AC1 0.2A 110V DC1
5 A 30V AC1 0.1A 220V DC1

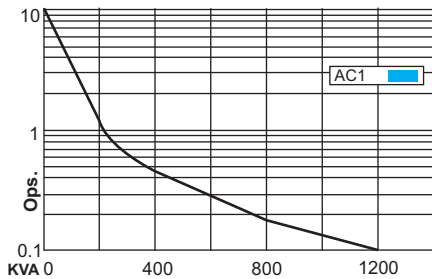
Pin configuration for P14-L



Contacts

Materials: Standard AgNi
 \Max. switching current 5 A
 Max. Peak inrush current (20 ms.) 15 A
 Max. Switching voltage 250 V
 Max. AC load (Table 1) 2.5 KVA

Graph 1 Electrical life, ops x 10⁶

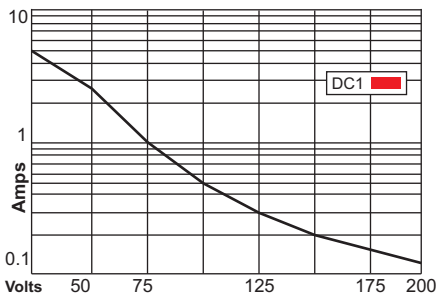


Coils (Ohms ± 10% @ 20°C)

Pull-in voltage $\leq 0.8 \times U_n$
 Drop-out voltage $\geq 0.1 \times U_n$
 Nominal Coil Power 1.2 VA (AC) / 1.W (DC)

VAC	ON mA	OFF mA	Vdc	ON mA	OFF mA
24	50	8	12	100	25
48	25	4	24	50	12
115	10	2	48	25	6
230	5	1	220	6	3

Graph 2 Max. DC load



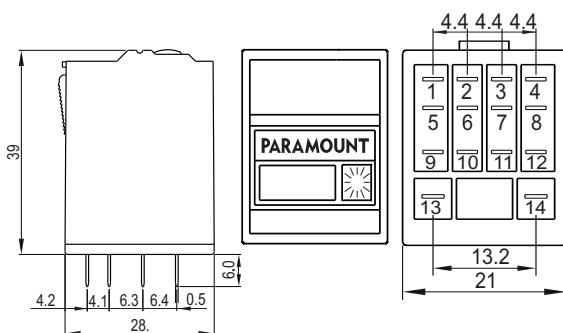
Insulation

Dielectric strength (1 minute): Open contacts 2.5KV
 Between adjacent poles 2.5KV
 Between Contacts & Coil >3GΩ
 Insolation resistance at 500V 2.5KV / 3

Specifications

Operate Time + Bounce Time 10 ms.
 Release Time + Bounce Time 6 ms.
 Ambient Temperature -40°C (no ice)... +70°C
 Mechanical life ops. 10 Million AC, 20 Million DC relays
 Electrical life at nominal load > 100,000 ops. Minimum
 Operating frequency at nominal load 1,200 / hour
 Protection degree IP40 / RT1
 Weight avg. 43 grs.

Dimensions in mm.



Standard Types

AC : 50Hz (60Hz) : 24, 48, 115, 230V
L= Latching Relays (Two coils with common Negative)
P14-3-L VAC
DC : 12, 24, 48, 220V
P14-3-LVDC

Suitable Sockets : S14D-R, S14LD-R, S14ED-R, S14P

Approvals



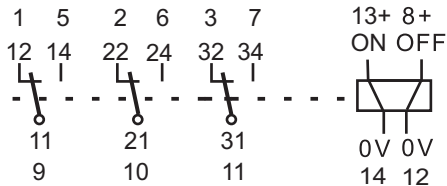


P14-L2

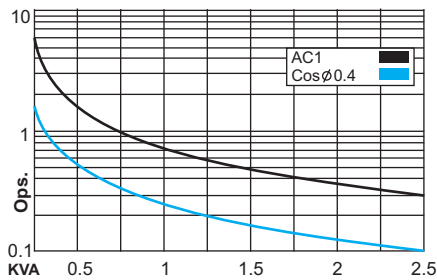
**Latching Relay, 3CO Contacts
(Two Independent Coils)**

**5 A 250V AC1 0.2A 110V DC1
5 A 30V AC1 0.1A 220V DC1**

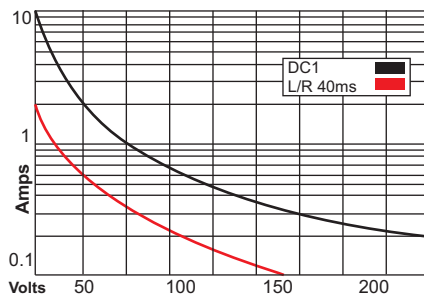
Pin configuration for P14-L2



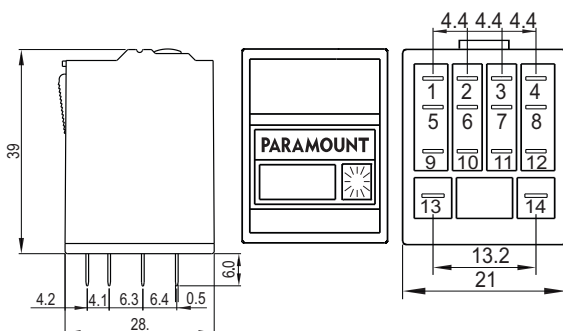
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



Contacts

Materials: Standard	AgNi
Max. switching current	5 A
Max. Peak inrush current (20 ms.)	15 A
Max. Switching voltage	250 V
Max. AC load (Table 1)	2.5 KVA

Coils (Ohms ± 10% @ 20°C)

Pull-in voltage	≤0.8 x Un
Drop-out voltage	≥0.1 x Un
Nominal Coil Power	1.2 VA (AC) / 1.W (DC)

VAC	ON mA	OFF mA	Vdc	ON mA	OFF mA
24	50	8	12	100	25
48	25	4	24	50	12
115	10	2	48	25	6
230	5	1	220	6	3

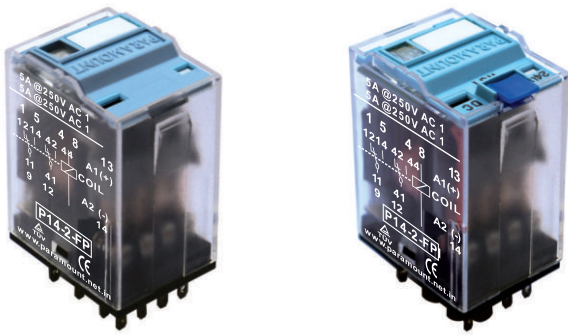
Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	6 ms.
Ambient Temperature	-40°C (no ice)... +70°C
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 100,000 ops. Minimum
Operating frequency at nominal load	1,200 / hour
Protection degree	IP40 / RT1
Weight avg.	43 grs.

Standard Types

AC : 50Hz : 24, 48, 115, 230V	
L2= Latching Relays (Two independent Coils)	P14-3-L2VAC
DC : 12, 24, 48, 220V	P14-3-L2VDC

Suitable Sockets : S14D-R, S14LD-R, S14ED-R, S14P



P14-H

Long Life

(Minimum 300K Electrical Operation)

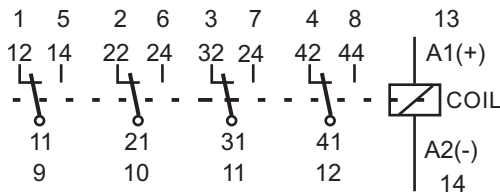
4 Pole, Change-Over Contacts

5A 250V AC1 50Hz

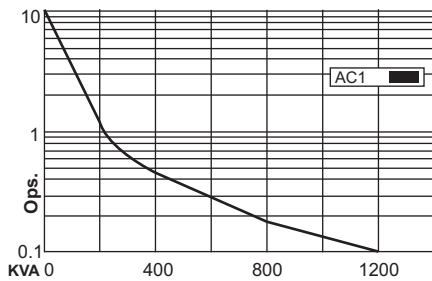
5A 30V DC1



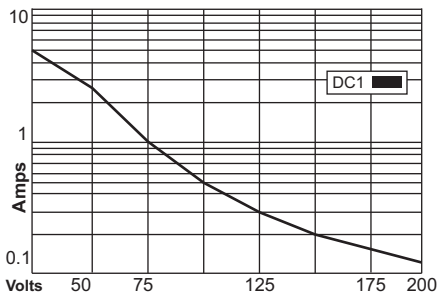
Pin configuration for P14-H



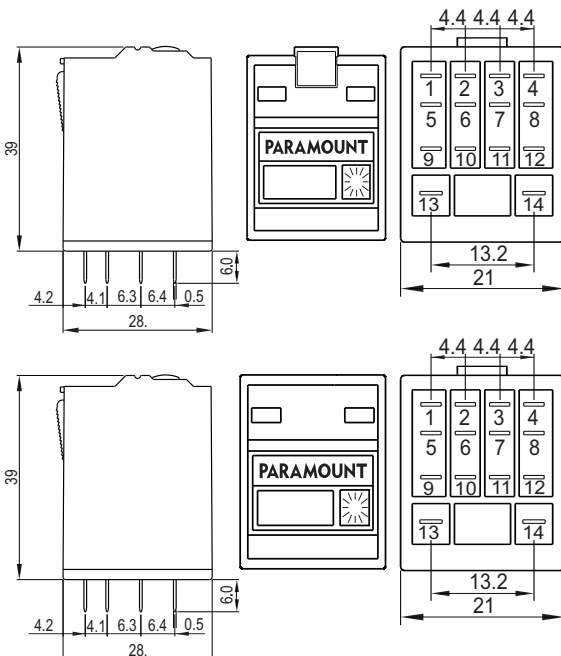
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



Contacts

Materials : Standard	AgNi
Code 1 : AgNi + 0.2 Au	AgNi + Au
Code 2 : AgNi + 0.2 Au plating	AgNi + Au
Max. switching current	5 A
Max. Peak inrush current (20 ms.)	15 A
Max. Switching voltage	250 V
Max. AC load (Table 1)	2.5 KVA

Coils (Ohms ± 10% @ 20°C)

Pull-in voltage	≤ 0.8 x Un
Drop-out voltage	≥ 0.1 x Un
Nominal Coil Power	1.2 VA (AC) / 1.W (DC)

VAC	Ω	VDC	Ω
6	12	6	40
12	50	12	160
24	190	24	640
48	785	48	2600
110	3880	110	13600
230	17400	220	54000

Insulation

Dielectric strength (1 minute): Open contacts	2.5 KV
Between adjacent poles	2.5KV
Between Contacts & Coil	>3GΩ
Insolation resistance at 500V	2.5KV / 3
Isolation, IEC 61810-5:	

Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	6 ms.
Ambient Temperature	-40°C (no ice)... +70°C
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 300,000 ops. Minimum
Operating frequency at nominal load	1,200 / hour
Protection degree	IP40 / RT1
Weight avg.	43 grs.

Standard Types

AC 50 Hz : 24, 48, 115, 230

P = LED Indicator across the coil	P14-H-P	-1 VAC
F = Mechanical Flag Indicator	P14-H-FP	-1 VAC
I = Manual & Lockable Push Button	P14-H-FPI	-1 VDC

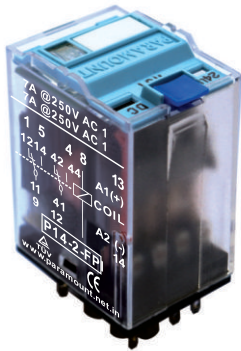
DC 12, 24V, 48, 110, 220

P = LED Indicator across the coil	P14-H-P	-1 VDC
F = Mechanical Flag Indicator	P14-H-FP	-1 VDC
I = Manual & Lockable Push Button	P14-H-FPI	-1 VDC
W = Free Wheeling Diode	P14-H-FPW	-1 VDC
Z = Free wheeling & Polarity Diode	P14-H-FPZI	-1 VDC

Suitable Sockets : S14D-R, S14LD-R, S14ED-R, S14P

Approvals





P14-S Relay

(Minimum 100,000 Electrical Operation)

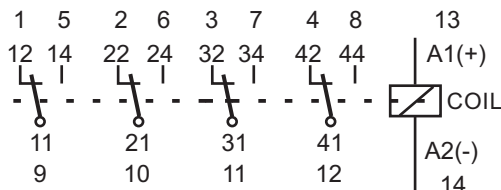
4 Pole, Change-Over Contacts

7A 250V AC1 50Hz

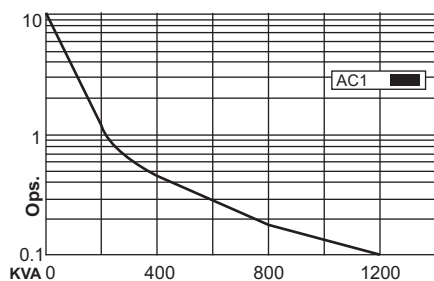
7A 30V DC1



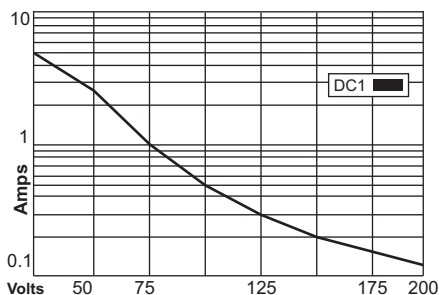
Pin configuration for P14-S



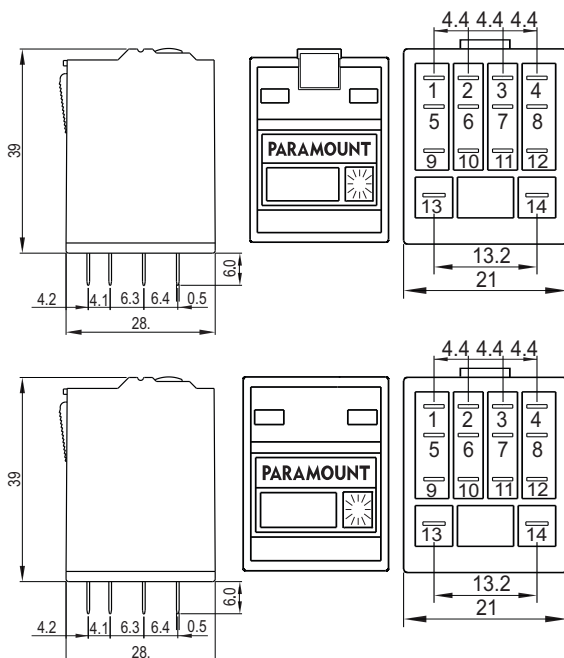
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



Contacts

Materials: Standard	AgNi
Max. switching current	7A
Max. Peak inrush current (20 ms.)	15 A
Max. Switching voltage	250 V
Max. AC load (Table 1)	2.5 KVA

Coils (Ohms ± 10% @ 20°C)

Pull-in voltage	≤ 0.8 x Un
Drop-out voltage	≥ 0.1 x Un
Nominal Coil Power	1.2 VA (AC) / 1.W (DC)

VAC	Ω	VDC	Ω
6	12	6	40
12	50	12	160
24	190	24	640
48	785	48	2600
110	3880	110	13600
230	17400	220	54000

Insulation

Dielectric strength (1 minute): Open contacts	2.5 KV
Between adjacent poles	2.5KV
Between Contacts & Coil	>3GΩ
Insulation resistance at 500V	2.5KV / 3
Isolation, IEC 61810-5:	

Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	6 ms.
Ambient Temperature	-40°C (no ice)... +70°C
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 100,000 ops. Minimum
Operating frequency at nominal load	1,200 / hour
Protection degree	IP40 / RT1
Weight avg.	43 grs.

Standard Types

AC 50 Hz : 24, 48, 115, 230

P = LED Indicator across the coil	P14-S-P VAC
F = Mechanical Flag Indicator	P14-S-FPI VAC
I = Manual & Lockable Push Button	P14-S-FPI VDC

DC 12, 24V, 48, 110, 220

P = LED Indicator across the coil	P14-S-P VDC
F = Mechanical Flag Indicator	P14-S-FPI VDC
I = Manual & Lockable Push Button	P14-S-FPI VDC
W = Free Wheeling Diode	P14-S-FPW VDC
Z = Free wheeling & Polarity Diode	P14-S-FPZI VDC

Suitable Sockets : S14D-R, S14LD-R, S14ED-R, S14P

Approvals





P14-N

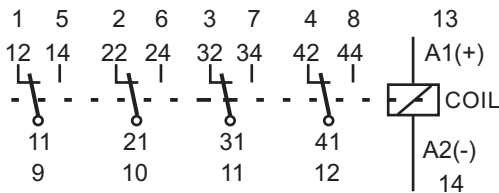
(Minimum 100,000 Electrical Operating)

4 Pole, Change-Over Contacts

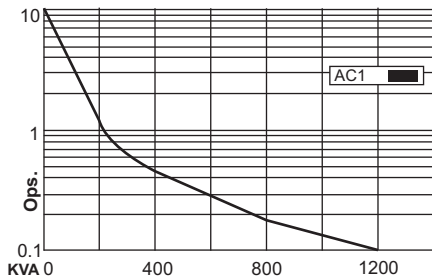
5 A 250V AC1 50Hz

5 A 30V DC1

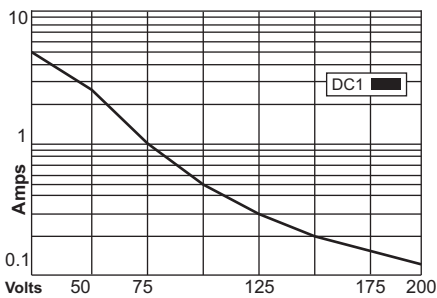
Pin configuration for P14-N



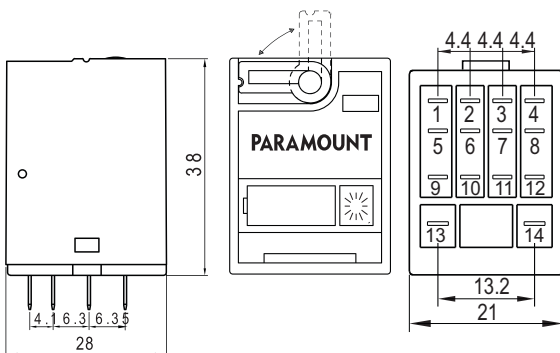
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



Contacts

Materials : Standard	AgNi
Code 1 : AgNi + 0.2 Au	AgNi + Au
Code 2 : AgNi + 0.2 Au plating	AgNi + Au
Max. switching current	5 A
Max. Peak inrush current (20 ms.)	15 A
Max. Switching voltage	250 V
Max. AC load (Table 1)	2.5 KVA

Coils (Ohms ± 10% @ 20°C)

Pull-in voltage	≤ 0.8 x Un
Drop-out voltage	≥ 0.1 x Un
Nominal Coil Power	1.2 VA (AC) / 1.W (DC)

VAC	Ω	VDC	Ω
6	12	6	40
12	50	12	160
24	190	24	640
48	785	48	2600
110	3880	110	13600
230	17400	220	54000

Insulation

Dielectric strength (1 minute): Open contacts	2.5 KV
Between adjacent poles	2.5KV
Between Contacts & Coil	>3GΩ
Insolation resistance at 500V	2.5KV / 3
Isolation, IEC 61810-5:	

Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	6 ms.
Ambient Temperature	-40°C (no ice)... +70°C
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 100,000 ops. Minimum
Operating frequency at nominal load	1,200 / hour
Protection degree	IP40 / RT1
Weight avg.	43 grs.

Standard Types

AC 50 Hz : 24, 48, 115, 230

P = LED Indicator across the coil	P14-N-P	- 1 VAC
F = Mechanical Flag Indicator	P14-N-FP	- 1 VAC
I = Manual & Lockable Push Button	P14-N-FPI	- 1 VDC

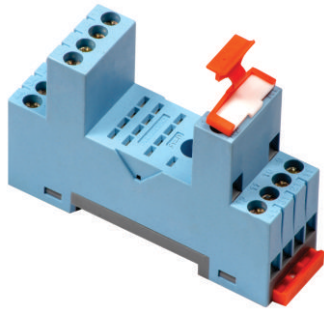
DC 12, 24V, 48, 110, 220

P = LED Indicator across the coil	P14-N-P	- 1.... VDC
F = Mechanical Flag Indicator	P14-N-FP	- 1.... VDC
I = Manual & Lockable Push Button	P14-N-FPI	- 1 VDC
Z = Free wheeling & Polarity Diode	P14-N-FZI	- 1 VDC
W = Free Wheeling Diode	P14-N-FPW	- 1 VDC

Suitable Sockets : S14D, S14LD, S14P, S14ED

Approvals



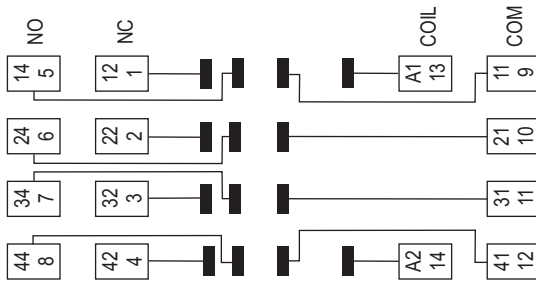


S14D

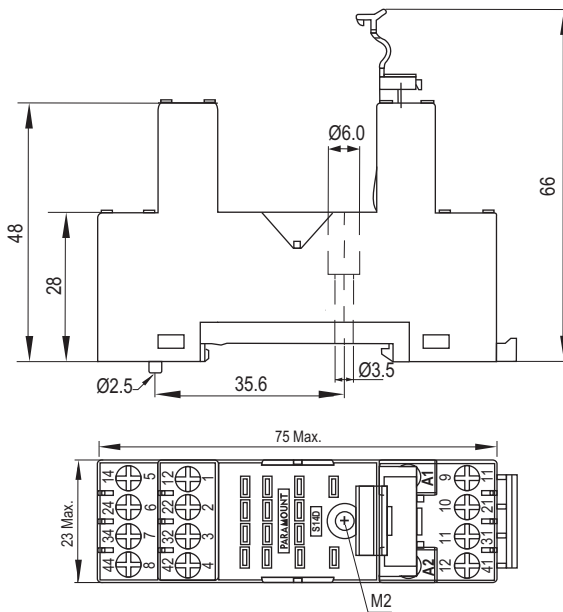
Only
23 mm
WIDE

DIN Rail or Panel Mountable Socket

Wiring Diagram



Dimensions in mm.



Specifications

Poles	4 Change Over Contact
Nominal load :	5A / 250 VAC
Insulation: Di-electric strength, 1minute	
Between contact and coil	2.5 KV
Between all terminals and DIN Rail	2.5 KV
Between adjacent terminals	2.5 KV
Max. screw torque	1.2 Nm
Screw dimensions	M3, Pozi
Wire in-lets capacity:	
Solid Wire	4 mm or 2 x 2.25 mm
Multi core	22 14 AWG
Ferrule tip terminals	4 mm
Weight Approx.	61 gms.

Other Aspects

- DIN Rail / Panel Mountable
- EN / DIN Sequential Numbering according to EN 60947 & IEC 61810
- Integrated Relay Hold Down Clip
- Removable White Marking Label
- Hard Brass Tin Plated Terminals
- Brass Tin Plated Screw

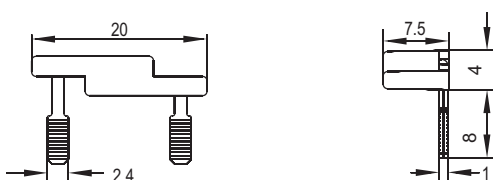
Accessories

Bridge S14D-B1 for Coil Terminal

Accessories



Dimensions in mm.

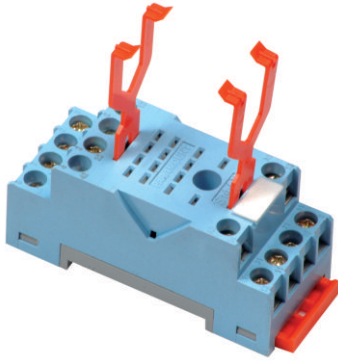


S14D-B1, 10A @ 250 VAC, 1 Way Bridge for Coil

Suitable Sockets : P14, P14E, P14H, P14S, P14L, P14L2

Approvals



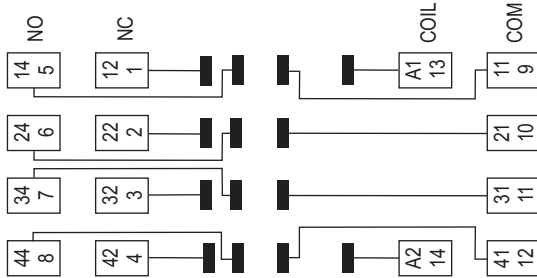


S14LD

Only
28.7 mm
WIDE

DIN Rail or Panel Mountable Socket

Wiring Diagram



Specifications

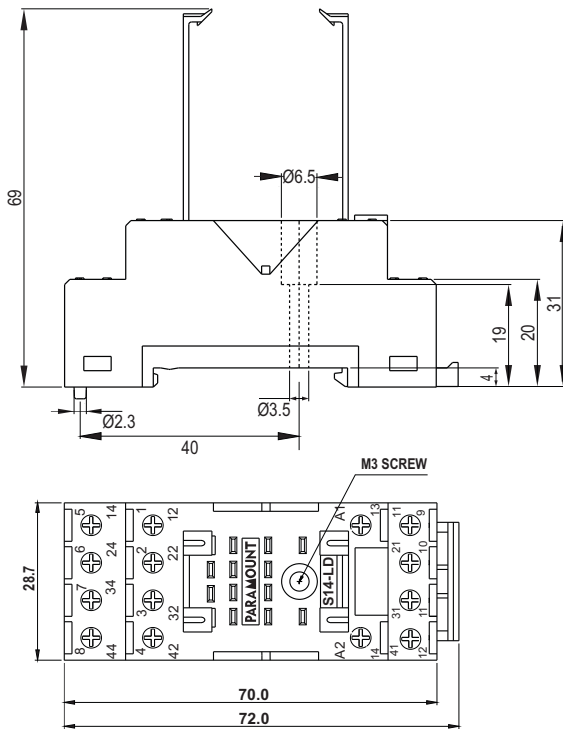
Poles: 4 Change Over Contact
Nominal load: 5A / 250 VAC

Insulation: Di-electric strength, 1minute

Between contact and coil	2.5 KV
Between all terminals and DIN Rail	2.5 KV
Between adjacent terminals	2.5 KV

Max. screw torque: 0.6 Nm
Screw dimensions: M3, Pozzi

Dimensions in mm.



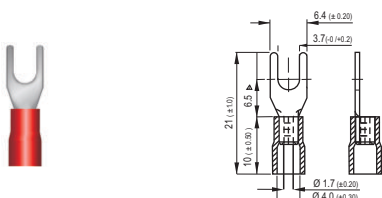
Other Aspects

DIN Rail / Panel Mountable
EN / DIN Sequential Numbering according to EN 60947 & IEC 61810
Integrated Relay Hold Down Clip
Removable White Marking Label

Accessories

Fork / C - Terminal for Wire connection (Only 1 No to be use)

Accessories

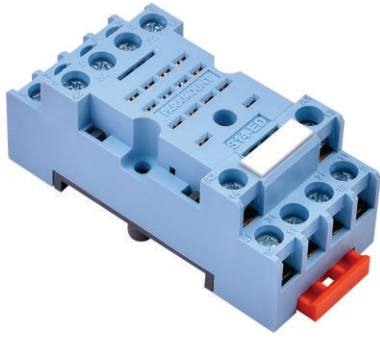


Fork / C type crimped Terminal used for wire connection

Suitable Sockets : P14, P14E, P14H, P14S, P14L, P14L2

Approvals



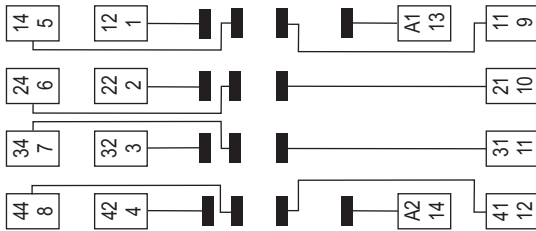


S14ED

Only
29.6 mm
WIDE

DIN Rail or Panel Mountable Socket

Wiring Diagram



Specifications

Poles 4 Change Over Contact
Nominal load : 5A / 250 VAC

Insulation: Di-electric strength, 1minute

Between contact and coil	2.5 KV
Between all terminals and DIN Rail	2.5 KV
Between adjacent terminals	2.5 KV

Max. screw torque	0.6 Nm
Screw dimensions	M3, Pozzi
Weight Approx.	46 gms.

Dimensions

in mm.

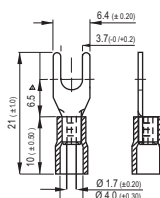
Other Aspects

DIN Rail / Panel Mountable
EN / DIN Sequential Numbering according to
EN 60947 & IEC 61810
Integrated Relay Hold Down Clip
Removable White Marking Label

Accessories

Fork / C - Terminal for Wire connection (Only 1 No to be use)

Accessories

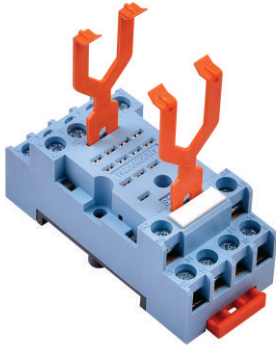


Fork / C type crimped Terminal
used for wire connection

Suitable Sockets : P14, P14E, P14H, P14S, P14L, P14L2

Approvals



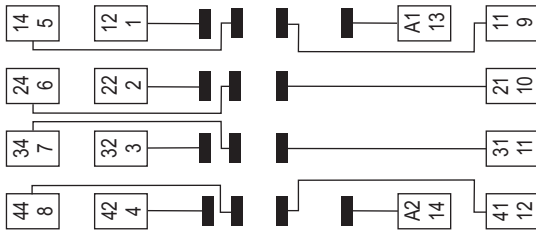


S14ED

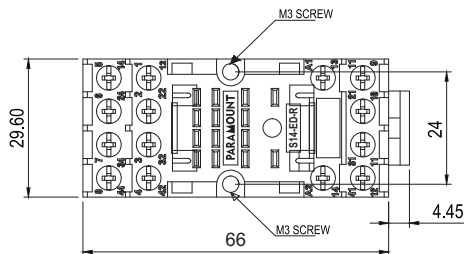
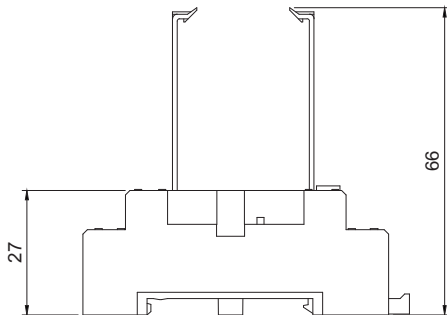
Only
29.6 mm
WIDE

DIN Rail or Panel Mountable Socket

Wiring Diagram



Dimensions in mm.



Specifications

Poles 4 Change Over Contact
Nominal load : 5A / 250 VAC

Insulation: Di-electric strength, 1minute

Between contact and coil	2.5 KV
Between all terminals and DIN Rail	2.5 KV
Between adjacent terminals	2.5 KV

Max. screw torque	0.6 Nm
Screw dimensions	M3, Pozzi
Weight Approx.	46 gms.

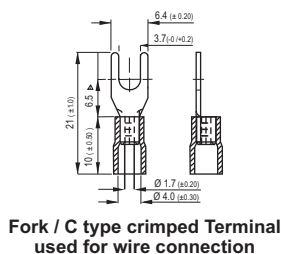
Other Aspects

DIN Rail / Panel Mountable
EN / DIN Sequential Numbering according to
EN 60947 & IEC 61810
Integrated Relay Hold Down Clip
Removable White Marking Label

Accessories

Fork / C - Terminal for Wire connection (Only 1 No to be use)

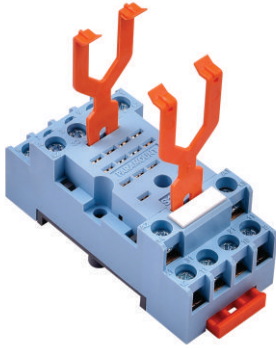
Accessories



Suitable Sockets : P14, P14E, P14H, P14S, P14L, P14L2

Approvals



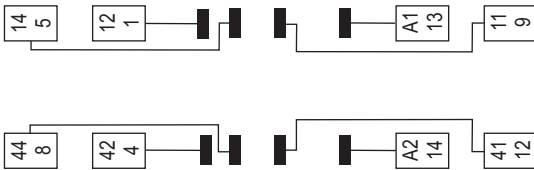


S8ED

Only
29.6 mm
WIDE

DIN Rail or Panel Mountable Socket

Wiring Diagram



Specifications

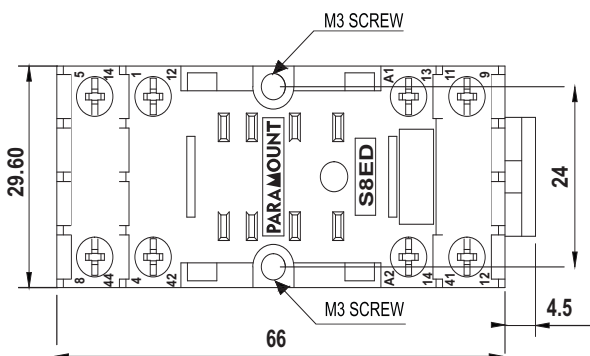
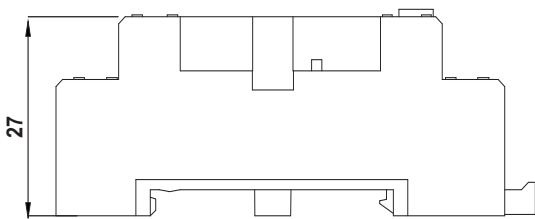
Poles 2 Change Over Contact
Nominal load : 5A / 250 VAC

Insulation: Di-electric strength, 1minute

Between contact and coil	2.5 KV
Between all terminals and DIN Rail	.2 5 KV
Between adjacent terminals	2.5 KV

Max. screw torque	0.6 Nm
Screw dimensions	M3, Pozi
Weight Approx.	46 gms.

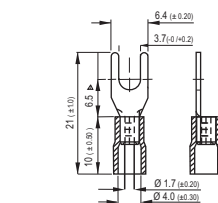
Dimensions in mm.



Other Aspects

DIN Rail / Panel Mountable
EN / DIN Sequential Numbering according to
EN 60947 & IEC 61810
Integrated Relay Hold Down Clip
Removable White Marking Label

Accessories



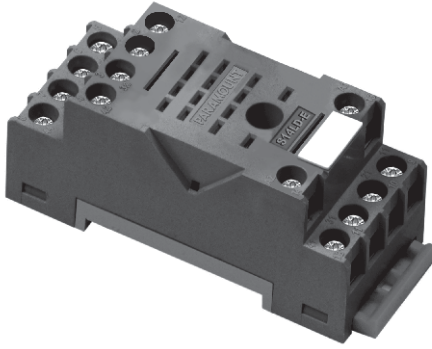
Fork / C type crimped Terminal
used for wire connection

Accessories

Fork / C - Terminal for Wire connection (Only 1 No to be use)

Approvals



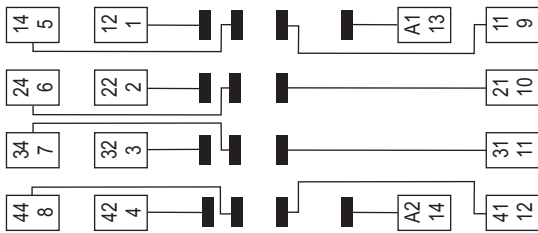


S14LD-E

Only
28.7 mm
WIDE

DIN Rail or Panel Mountable Socket

Wiring Diagram

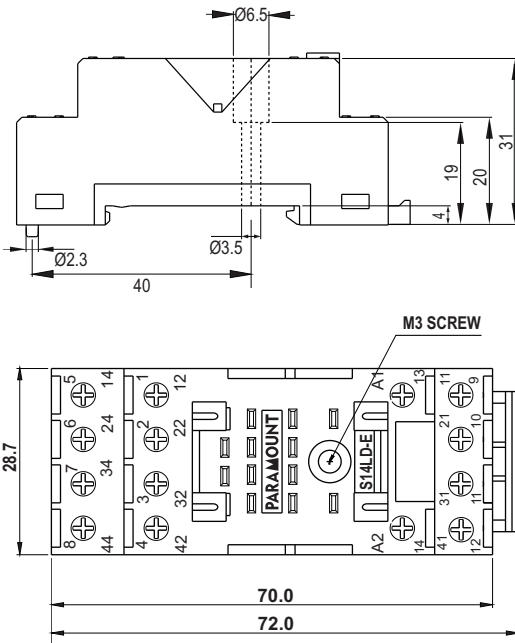


Specifications

Poles	4 Change Over Contact
Nominal load :	3A & 5A / 250 VAC
Insulation: Di-electric strength, 1minute	
Between contact and coil	2.5 KV
Between all terminals and DIN Rail	2.5 KV
Between adjacent terminals	2.5 KV
Max. screw torque	1.2 Nm
Screw dimensions	M3, Pozi

Dimensions

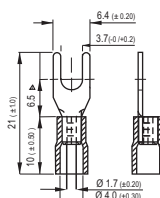
in mm.



Other Aspects

- DIN Rail / Panel Mountable
- EN / DIN Sequential Numbering according to EN 60947 & IEC 61810
- Integrated Relay Hold Down Clip
- Removable White Marking Label

Accessories



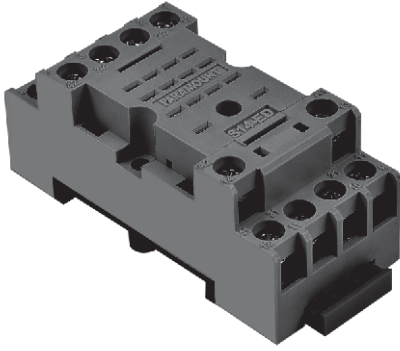
Fork / C type crimped Terminal used for wire connection

Accessories

Fork / C - Terminal for Wire connection (Only 1No to be used)

Approvals



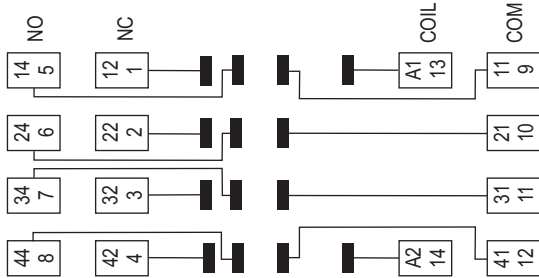


S14ED-E

Only
29.6 mm
WIDE

DIN Rail or Panel Mountable Socket

Wiring Diagram



Specifications

Poles: 4 Change Over Contact
Nominal load: 5A / 250 VAC

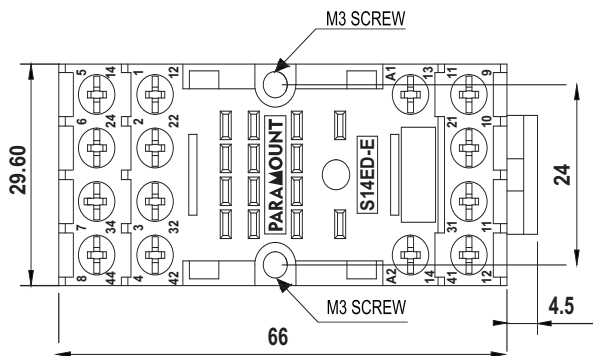
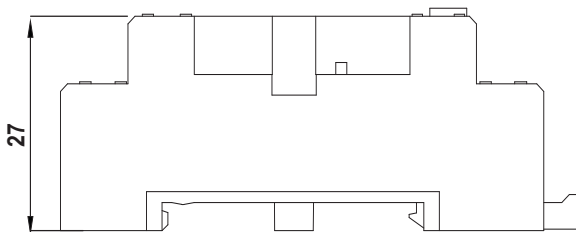
Insulation: Di-electric strength, 1minute

Between contact and coil	2.5 KV
Between all terminals and DIN Rail	2.5 KV
Between adjacent terminals	2.5 KV

Max. screw torque	0.6 Nm
Screw dimensions	M3, Pozi
Weight Approx.	46 gms.

Dimensions

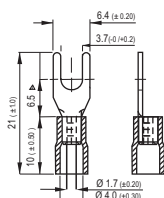
in mm.



Other Aspects

DIN Rail / Panel Mountable
EN / DIN Sequential Numbering according to EN 60947 & IEC 61810
Integrated Relay Hold Down Clip
Removable White Marking Label

Accessories



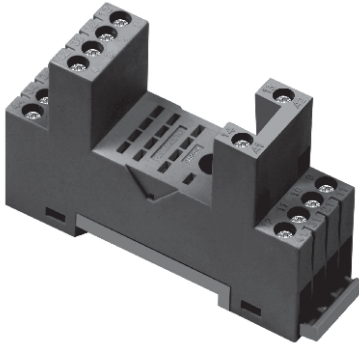
Fork / C type crimped Terminal used for wire connection

Accessories

Fork / C - Terminal for Wire connection (Only 1 No to be use)

Approvals



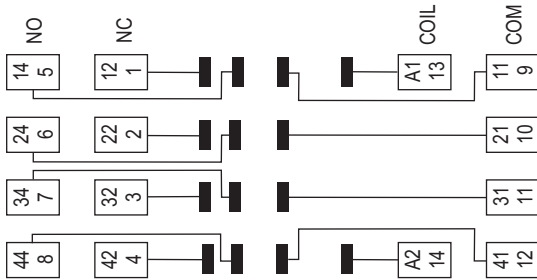


S14D-E

Only
23 mm
WIDE

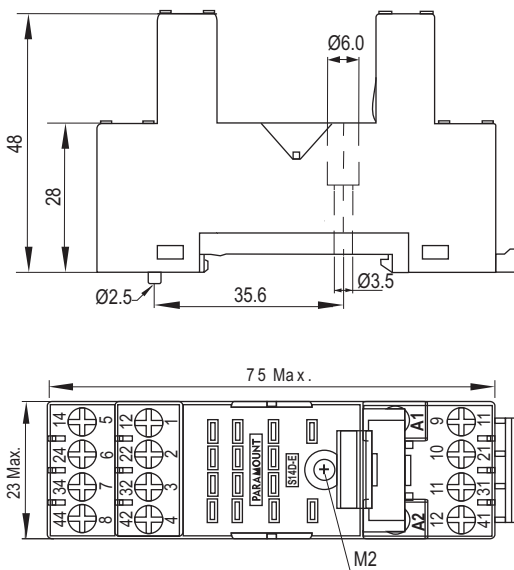
DIN Rail or Panel Mountable Socket

Wiring Diagram



Dimensions

in mm.



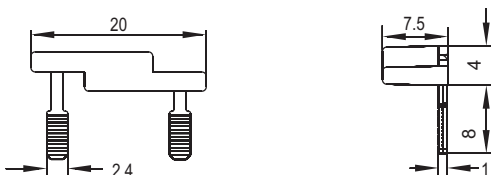
Accessories



S14D-B1

Dimensions

in mm.



S14D-B1, 10A @ 250 VAC, 1 Way Bridge for Coil

Specifications

Poles	4 Change Over Contact
Nominal load :	5A / 250 VAC
Insulation: Di-electric strength, 1minute	
Between contact and coil	2.5 KV
Between all terminals and DIN Rail	2.5 KV
Between adjacent terminals	2.5 KV
Max. screw torque	1.2 Nm
Screw dimensions	M3, Pozi
Wire in-lets capacity:	
Solid Wire	4 mm or 2 x 2.25 mm
Multi core	22 14 AWG
Ferrule tip terminals	4 mm
Weight Approx.	61 gms.

Other Aspects

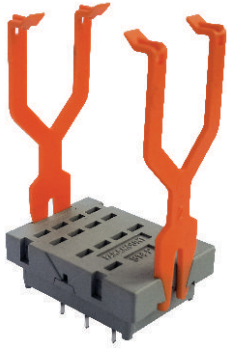
- DIN Rail / Panel Mountable
- EN / DIN Sequential Numbering according to EN 60947 & IEC 61810
- Integrated Relay Hold Down Clip
- Removable White Marking Label
- Hard Brass Tin Plated Terminals
- Brass Tin Plated Screw

Accessories

Bridge S14D-B1 for Coil Terminal

Approvals

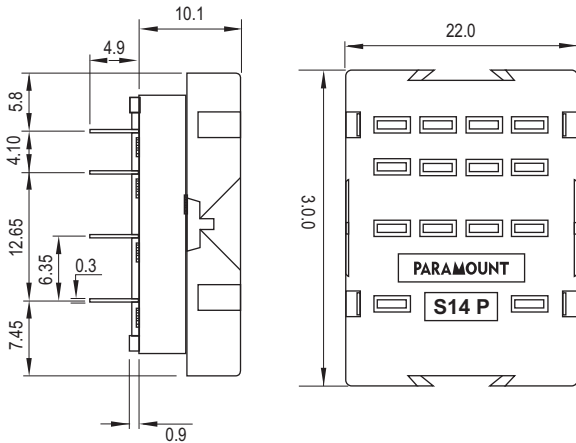




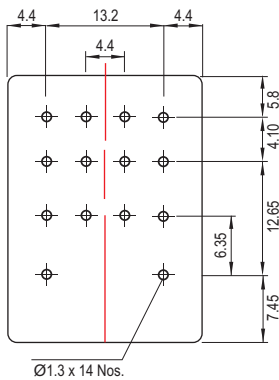
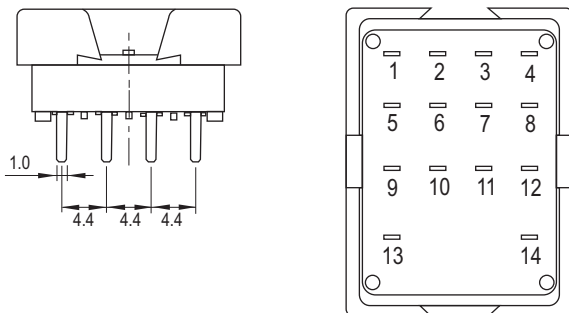
S14P

PCB Mountable Socket for P14 [5A]

Dimensions in mm.



Terminal Arrangement (Bottom View)



Mounting Holes Tolerance ± 0.1

Specifications

Poles	4 Change Over Contact
Nominal load :	5A / 300 VAC
Di-electric strength	2.5 KV
Number of pins	8 pins
Ambent Temp	-40C + 70C
Weight Approx	8 gms

Other Aspects

- PCB Mountable
- EN / DIN Sequential Numbering according to EN 60947 & IEC 61810
- Integrated Relay Hold Down Clip
- Hard Brass Tin Plated Terminals

Approvals



Ordering Information

P14- - - - - - -
1 2 3 4 5 6 7

1 : Model Type

Blank : 5A @ 250 VAC1 with Minimum 100,000 Operating
H : 5A @ 250 VAC1 with Minimum 300,000 Operating
N : 5A @ 250 VAC1 with Minimum 100,000 Operating (New Model)
S : 7A @ 250 VAC1 with Minimum 100,000 Operating

2 : Contact Form

Blank : 4 Change over
2 : 2 Change over

3 : Features

Blank :
F : Flag Indicator
P : LED Indicator
W : Free wheeling Diode for DC
Z : Polarity Diode for DC (only for N, H)
I : Manual and Lockable Push Button
R : RC (110VAC / 230 VAC)
B : Bridge Rectifier AC/DC (24/48)

4 : Special Types :-

L : Latching (Two coils with common negative)
L2 : Latching 340 (Two independent coils)

5 : Contact Material :-

Blank : AgNi
1 : AgNi + 0.2 micron Gold plating
2 : AgNi + 5.0 micron Gold plating

6 : E : NON UL 5A

7 : Rated Coil Voltage

6 / 12 / 24 / 48 / 110 / 220 - VDC
6 / 12 / 24 / 48 / 115 / 230 - VAC