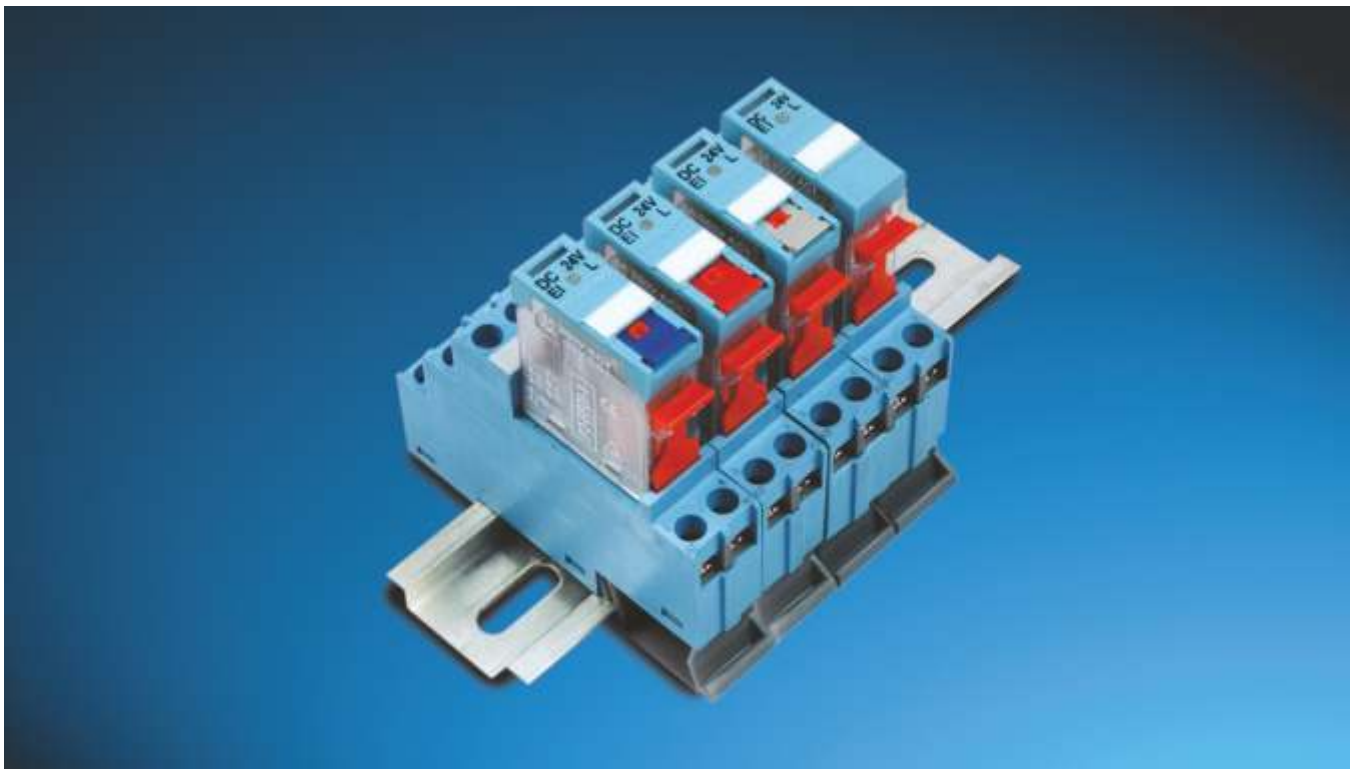
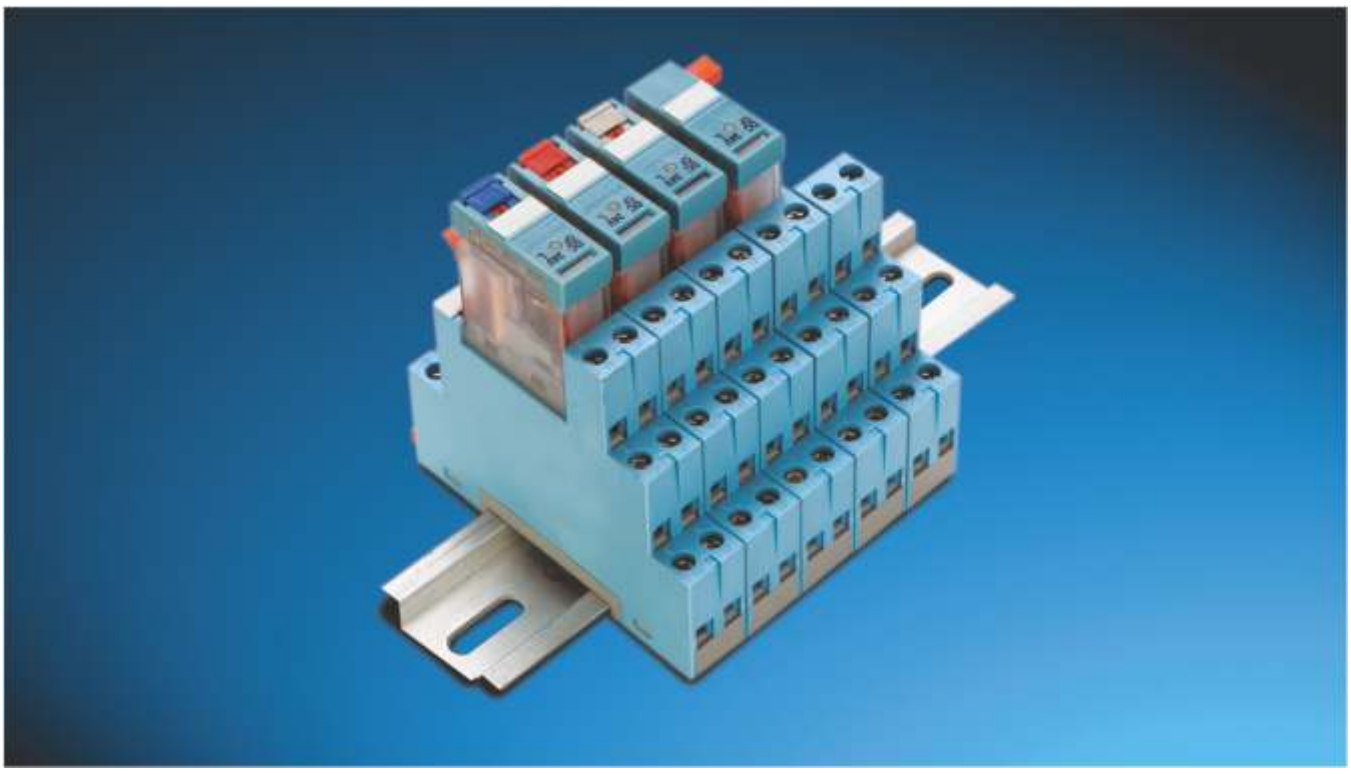
PARAMOUNT
EXPECT MORE...

Catalogue

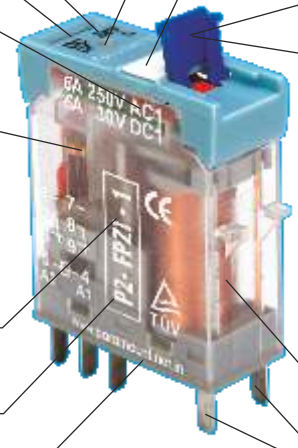
Series P2





PARAMOUNT
EXPECT MORE...

Benefits of the new C Plus system



Coil Voltage Marking

Mechanical Flag Indicator

In-Built Free Wheeling Diode & Polarity Diode

Contact Rating
Standard Contact : 6 Amps @ 250V AC1

Contact Type:
2 Change Over Contact

Part Number & Technical information marked on the side of the relay

Isolation between coil and contact 5KV

LED Indicator

Marking Label

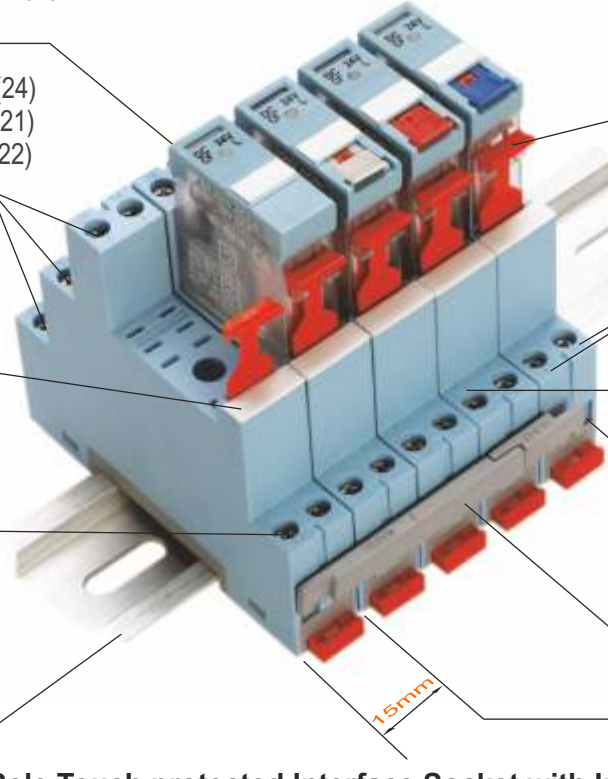
Colour coded lock lever according to coil voltage
DC Blue
AC Red
AC / DC Grey

Push Button and Lockable Lever with 3 functions
1. Lift to lever / lockable button
2. Push to test button / Manual test button
3. Slide Lever protection against unintentional activation of test button

AC 115V, 230V
DC 12V, 24V, 48V, 110V
AC / DC 24V, 48V coils available

Industrial 2.5 mm Faston Terminals

P2 is a Two Pole Industrial Plug-in Relay with all the In-Built Mechanical and Electronic features which are a must for Input / Output PLC applications.



Finger Grip for easy removal of relay from socket

Contact Terminals NO 1(14), 7(24)
CO 2(11), 8(21)
NC 3(12), 9(22)

Socket marking label

Industrial size combination screws (M3)

Standard 35mm DIN rail or Panel Mountable Socket

Inbuilt easy to use Retainer Clip

Coil terminals (4, A1 +ve) (5,A2 -ve)

Clearly visible Terminal numbering according to DIN & Euro Standards

Large wire inlets (Upto 4sq mm) for easy wiring

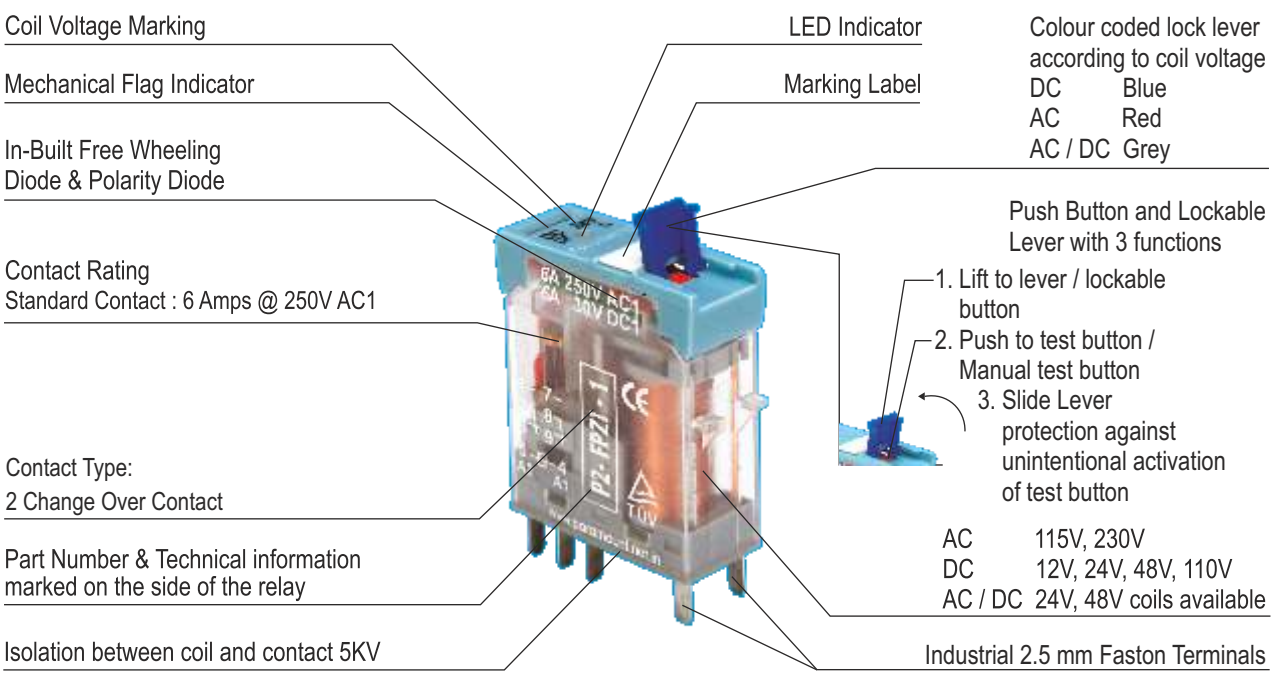
Touch protected -Ve / A2 Looping Bridges (S2D-B1 / S2D-B4)

Socket with width of 15mm

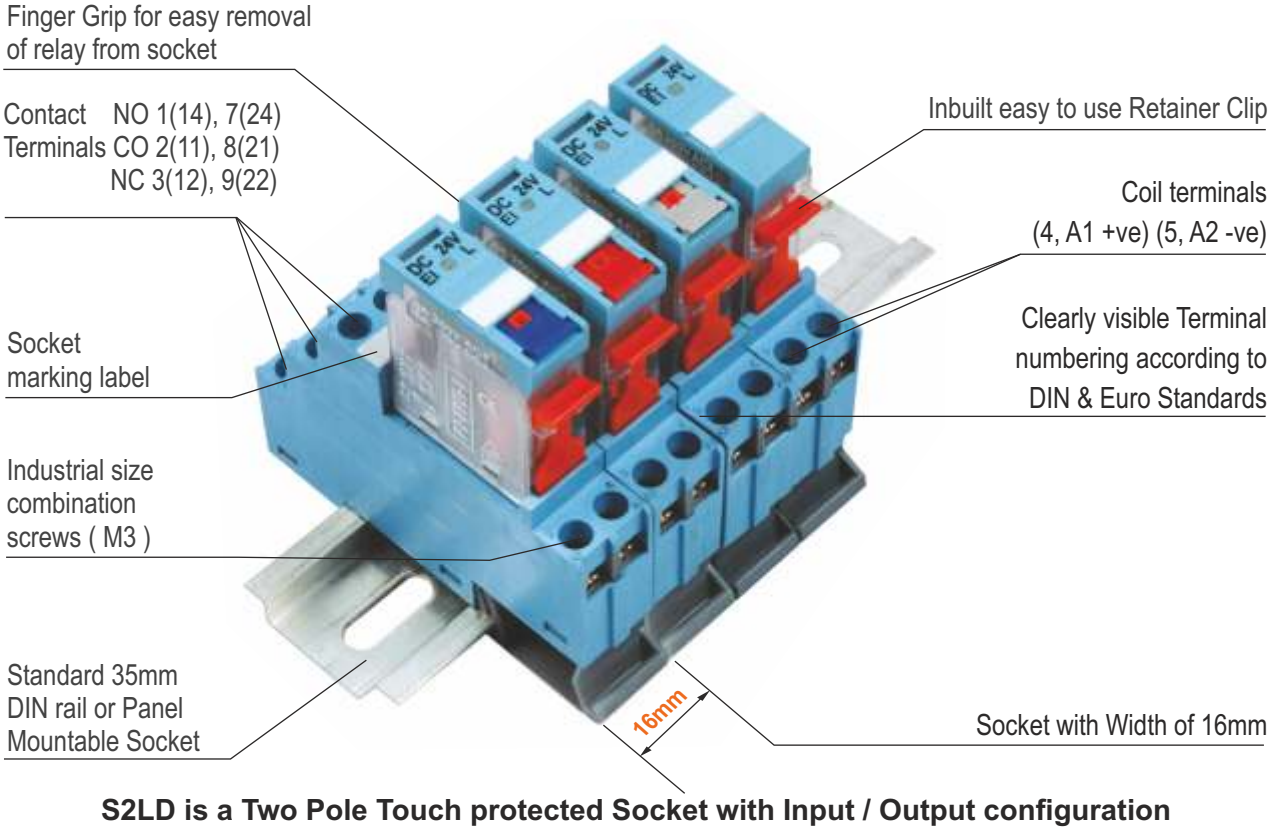
S2D is a Two Pole Touch protected Interface Socket with Input / Output configuration Coil Terminals (A1 & A2) on one side and Contact Terminals (NO, NC, CO) on the opposite side.

PARAMOUNT
EXPECT MORE...

Benefits of the new C Plus system

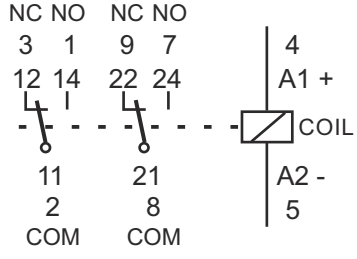


P2 is a Two Pole Industrial Plug-in Relay with all the In-Built Mechanical and Electronic features which are a must for Input / Output PLC applications.



S2LD is a Two Pole Touch protected Socket with Input / Output configuration Coil Terminals (A1 & A2) on one side and Contact Terminals (NO, NC, CO) on the opposite side.

PARAMOUNT
EXPECT MORE...



P2

Two Poles, Change-Over Contact

6A 250V AC1 0.5A 110V DC1

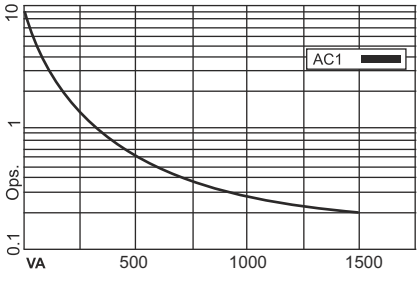
6A 30V DC1 0.2A 220V DC1

Contacts

Materials: Standard,	AgNi
Optional, code 1	AgNi + 0.2µ Au
Optional, code 2	AgNi + 5.0µ Au
Max. switching current	6 A
Max. Peak inrush current (20 ms.)	30 A
Max. Switching voltage	250 V
Max. AC load (Graph 1)*	1.5 KVA
Max. DC load	See Graph 2*

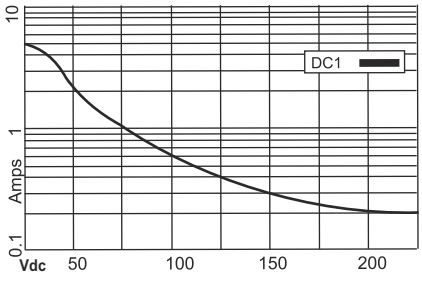
Graph 1

Electrical life, ops x 10^6



Graph 2

Max. DC load



Coils (Ohms ± 10% @ 20ºC)

Pull-in voltage	≤ 0.8 x **Un**
Drop-out voltage	≥ 0.1 x **Un**
Nominal coil power	1.1 VA (AC) / 0.7 W (DC)

VAC	Ω	mA	VDC	Ω	mA
24	290	45.0	12	224	53.0
48	1.200	23.0	24	742	32.0
115	7.300	9.5	48	3.500	13.7
230	28.800	4.7	110	19.900	5.5

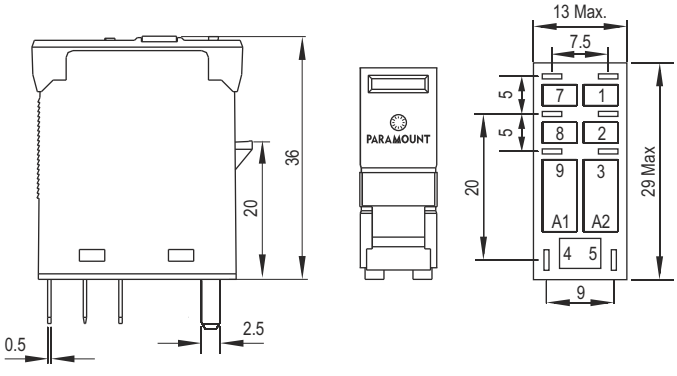
Insulation

Dielectric strength (1 minute): Open contacts	1.000 V
Between adjacent poles	3.000 V
Between contacts & coil	5 KV
Isolation resistance at 500VDC	> 3GΩ
Isolation, IEC 61810-5 :	4 KV / 3

Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	8 ms.
Ambient Temperature	-40ºC (no ice).... +70ºC
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 100,000 ops.
Operating frequency at nominal load	1,200 / hour
Protection degree	IP40 / RT1
Weight Approx.	21 gms.

Dimensions in mm.



Standard types

AC 50 Hz : 24, 48, 115, 230

F = Mechanical Flag Indicator	**P2-F .... VAC**
P = LED	**P2-FP .... VAC**
R = RC, (Snubber Circuit)	**P2-FPR .... VAC**

DC 12, 24, 48, 110

F = Mechanical Flag Indicator	**P2-F .... VDC**
P = LED	**P2-FP .... VDC**
W = Free Wheeling Diode	**P2-FPW .... VDC**
Z = Polarity & Free-Wheeling Diodes	**P2-FPZ .... VDC**
I = Lockable & Manual Push Button	**P2-FPZI .... VDC**
B = AC/DC Bridge Rectifier (24/48V)	**P2-FPB .... ADC**

Suitable Sockets : S2D, S2LD, S2P

Approvals

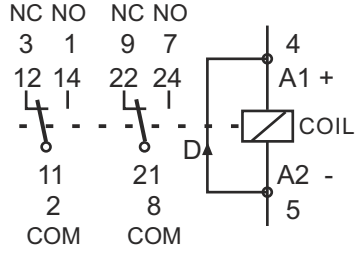
TÜV CE cULus cSAus

PARAMOUNT
EXPECT MORE...

P2-FW(5 KV)

Two Poles, Change-Over Contact

6A 250V AC1 0.5A 110V DC1
6A 30V DC1 0.2A 220V DC1

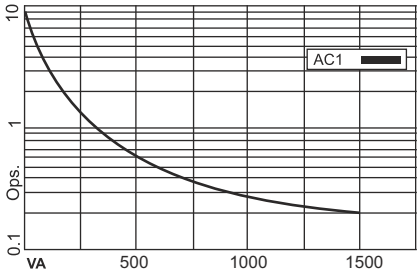


Contacts

Materials: Standard,	AgNi
Optional, code 1	AgNi + 0.2µ Au
Optional, code 2	AgNi + 5.0µ Au
Max. switching current	6 A
Max. Peak inrush current (20 ms.)	30 A
Max. Switching voltage	250 V
Max. AC load (Graph 1)*	1.5 KVA
Max. DC load	See Graph 2*

Graph 1

Electrical life, ops x 10^6



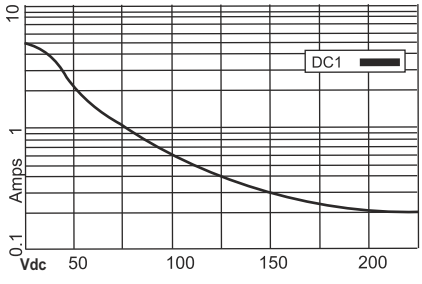
Coils (Ohms ± 10% @ 20ºC)

Pull-in voltage	≤ 0.8 x **Un**
Drop-out voltage	≥ 0.1 x **Un**
Nominal coil power	0.7 W (DC)

VDC	Ω	mA
12	224	53.0
24	742	32.0
48	3.500	13.7
110	19.900	5.5

Graph 2

Max. DC load



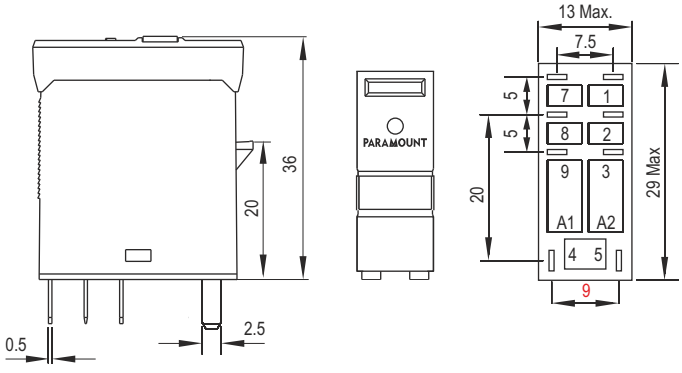
Insulation

Dielectric strength (1 minute): Open contacts	2.000 V
Between adjacent poles	5 KV
Between contacts & coil	5 KV
Isolation resistance at 500VDC	> 3GΩ
Isolation, IEC 61810-5 :	4 KV / 3

Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	8 ms.
Ambient Temperature	-40ºC (no ice)…. +70ºC
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 100,000 ops.
Operating frequency at nominal load	1,200 / hour
Protection degree	IP40 / RT1
Weight Approx.	21 gms.

Dimensions in mm.



Standard types

DC : 12, 24, 48, 110

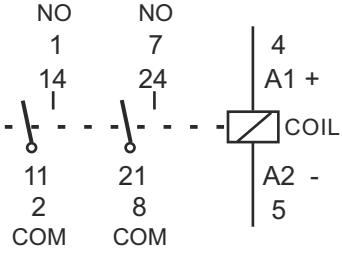
F = Mechanical Flag Indicator
W = Free-Wheeling Diodes

P2-FW …. VDC

Suitable Sockets : S2D, S2LD, S2P

Approvals

PARAMOUNT
EXPECT MORE...



P2-A

Two Pole, Normally Open Contact

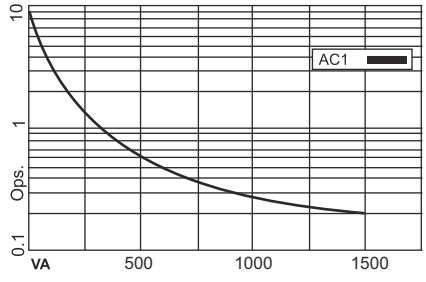
6A 250V AC1 0.8A 110V DC1

6A 30V DC1 0.4A 220V DC1

Contacts

Materials: Standard,	AgNi
Optional, code 1	AgNi + 0.2µ Au
Optional, code 2	AgNi + 5.0µ Au
Max. switching current	6 A
Max. Peak inrush current (20 ms.)	15 A
Max. Switching voltage	250 V
Max. AC load (Table 1)	1.5 KVA
Max. DC load	See Table 3

Graph 1 Electrical life, ops x 10^6

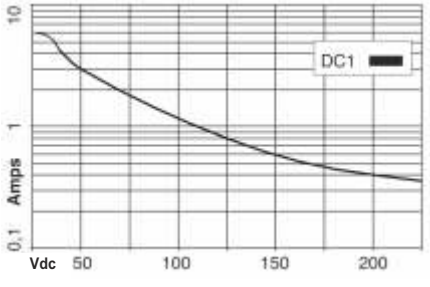


Coils (Ohms ± 10% @ 20ºC)

Pull-in voltage	≤ 0.8 x **Un**
Drop-out voltage	≥ 0.1 x **Un**
Nominal coil power	1.1 VA (AC) / 0.7 W (DC)

VAC	Ω	mA	VDC	Ω	mA
24	290	45.0	12	224	53.0
48	1.200	23.0	24	742	32.0
115	7.300	9.5	48	3.500	13.7
230	28.800	4.7	110	19.900	5.5

Graph 3 Max. DC load



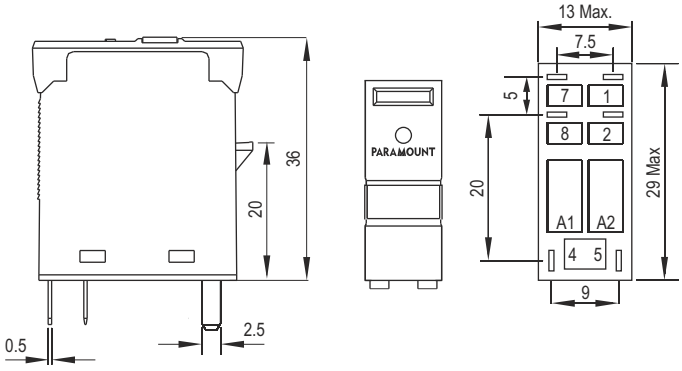
Insulation

Dielectric strength (1 minute): Open contacts	1.000 V
Between adjacent poles	3.000 V
Between contacts & coil	5 KV
Isolation resistance at 500VDC	> 3GΩ
Isolation, IEC 61810-5 :	4 KV / 3

Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	8 ms.
Ambient Temperature	-40ºC (no ice).... +70ºC
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 100,000 ops.
Operating frequency at nominal load	1,200 / hour
Protection degree	IP40 / RT1
Weight Approx.	21 gms.

Dimensions in mm.



Standard types

AC 50 Hz : 24, 48, 115, 230

F = Mechanical Flag Indicator	**P2-A-F .... VAC**
P = LED	**P2-A-FP .... VAC**
R = RC, (Snubber Circuit)	**P2-A-FPR .... VAC**

DC:12, 24, 48, 110

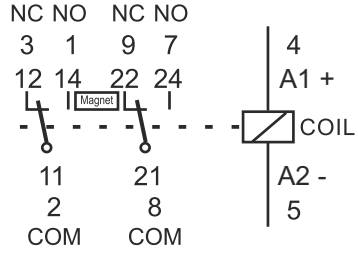
F = Mechanical Flag Indicator	**P2-A-F .... VDC**
P = LED	**P2-A-FP .... VDC**
W = Free-Wheeling Diodes	**P2-A-FPW .... VDC**
Z = Polarity & Free-Wheeling Diodes	**P2-A-FPZ .... VAD**
B = AC/DC Bridge Rectifier (24/48V)	**P2-A-FPB .... VAD**

Suitable Sockets : S2D-A, S2LD-A, S2P

Approvals

TÜV

PARAMOUNT
EXPECT MORE...



P2....M

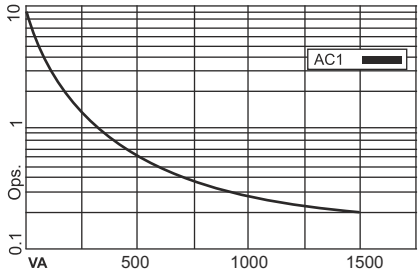
MAGNETIC BLOW OUT
Two Pole, Change-Over Contact

6A 250V AC1 1.25A 220V DC1
6A 30V DC1 0.30A 220V DC13

Contacts

Materials: Standard	AgNi
Max. switching current	6 A
Max. Peak inrush current (20 ms.)	30 A
Max. Switching voltage	250 V
Max. AC load (Graph 1)*	1.5 KVA
Max. DC load	See Graph 4*

Graph 1 — Electrical life, ops x 10^6

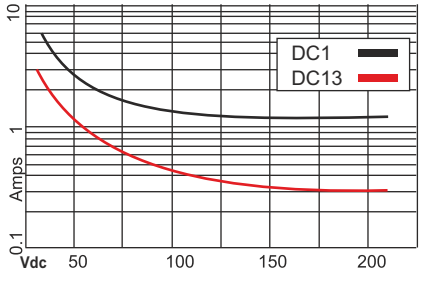


Coils (Ohms ± 10% @ 20ºC)

Pull-in voltage	≤ 0.8 x **Un**
Drop-out voltage	≥ 0.1 x **Un**
Nominal coil power	1.1 VA (AC) / 0.7 W (DC)

VAC	Ω	mA	VDC	Ω	mA
24	290	45.0	12	224	53.0
48	1.200	23.0	24	742	32.0
115	7.300	9.5	48	3.500	13.7
230	28.800	4.7	110	19.900	5.5

Graph 4 — Max. DC load



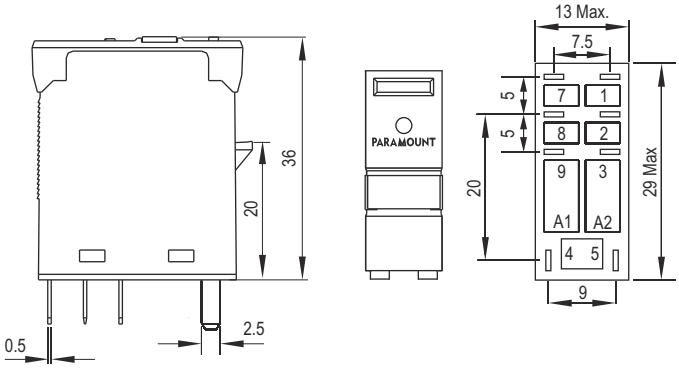
Insulation

Dielectric strength (1 minute):	
Open Contacts	1 KV
Between Adjacent Poles	3 KV
Between Contacts & Coil	5 KV
Insolation resistance at 500VDC	>3GΩ
Isolation, IEC 61810-5:	4 KV / 3

Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	8 ms.
Ambient Temperature	-40ºC (no ice).... +70ºC
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 100,000 ops.
Operating frequency at nominal load	1,200 / hour
Protection grade	IP40 / RT1
Weight Approx.	21 gms.

Dimensions in mm.



Standard types

AC : 24, 48, 115, 230

M = Magnetic Blow Out		
F = Mechanical Flag Indicator	**P2-FM**	**.... VAC**
P = LED	**P2-FPM**	**.... VAC**

DC : 12, 24, 48, 110

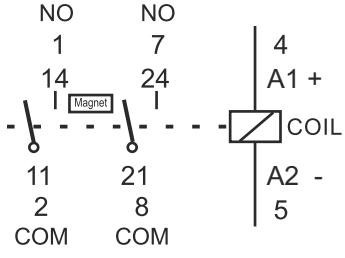
F = Mechanical Flag Indicator	**P2-FM**	**.... VDC**
P = LED	**P2-FPM**	**.... VDC**
W = Free Wheeling Diode	**P2-FPWM**	**.... VDC**
Z = Polarity & Free Wheeling Diode	**P2-FPZM**	**.... VDC**

Suitable Sockets : S2D, S2LD, S2P

Approvals

TÜV CE cULus

PARAMOUNT
EXPECT MORE...



P2-A....M

MAGNETIC BLOW OUT
Two Pole, Normally Open Contact

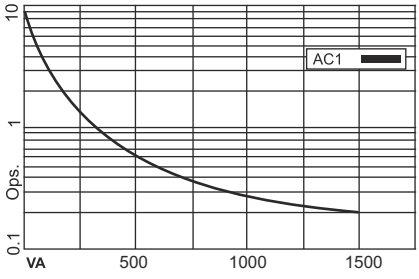
6A 250V AC1 4A 220V DC1

6A 30V DC1 1A 220V DC13

Contacts

Materials: Standard	AgNi
Optional, code 1	AgNi + Au 0.2µ
Optional, code 2	AgNi + Au 5.0µ
Max. switching current	6 A
Max. Peak inrush current (20 ms.)	15 A
Max. Switching voltage	250 V
Max. AC load (Graph 1)*	1.5 KVA
Max. DC load	See Graph 5*

Graph 1 — Electrical life, ops x 10^6

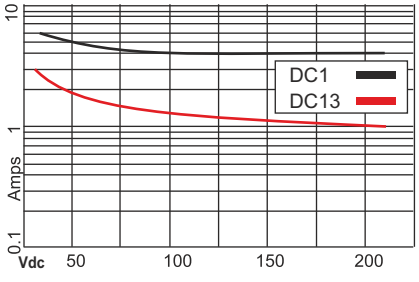


Coils (Ohms ± 10% @ 20ºC)

Pull-in voltage	≤ 0.8 x **Un**
Drop-out voltage	≥ 0.1 x **Un**
Nominal coil power	1.1 VA (AC) / 0.7 W (DC)

VAC	Ω	mA	VDC	Ω	mA
24	290	45.0	12	224	53.0
48	1.200	23.0	24	742	32.0
115	7.300	9.5	48	3.500	13.7
230	28.800	4.7	110	19.900	5.5

Graph 5



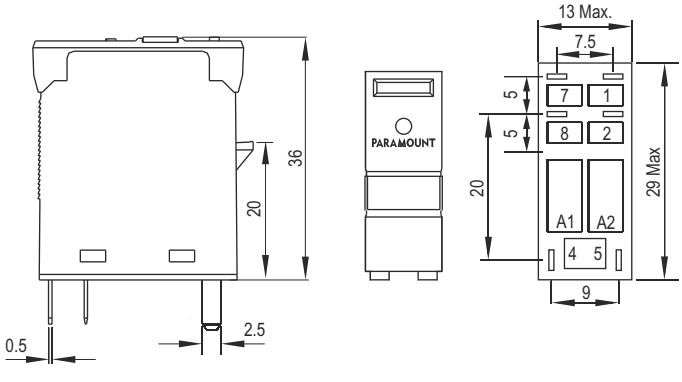
Insulation

Dielectric strength (1 minute):	
Open Contacts	1 KV
Between Adjacent Poles	3 KV
Between Contacts & Coil	5 KV
Insolation resistance at 500VDC	>3GΩ
Isolation, IEC 61810-5:	4 KV / 3

Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	8 ms.
Ambient Temperature	-40ºC (no ice).... +70ºC
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 100,000 ops.
Operating frequency at nominal load	1,200 / hour
Protection grade	IP40 / RT1
Weight Approx.	21 gms.

Dimensions in mm.



Standard types

AC : 24, 48, 115, 230

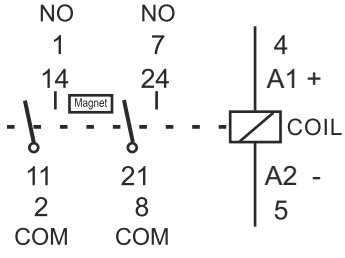
M = Magnetic Blow Out		
F = Mechanical Flag Indicator	**P2-A-FM**	.... VAC
P = LED	**P2-A-FPM**	.... VAC
DC : 12, 24, 48, 110		
F = Mechanical Flag Indicator	**P2-A-FM**	.... VDC
P = LED	**P2-A-FPM**	.... VDC
W = Free Wheeling Diode	**P2-A-FPWM**	.... VDC
Z = Polarity & Free Wheeling Diode	**P2-A-FPZM**	.... VDC

Suitable Sockets : S2D-A, S2LD-A, S2P

Approvals

TÜV CE cULus

PARAMOUNT
EXPECT MORE...



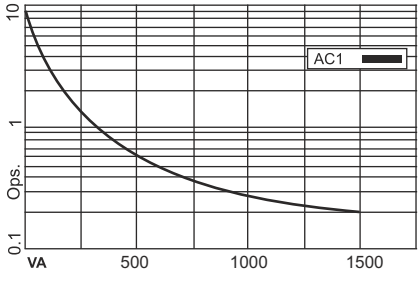
P2-A-FW-M(5 KV)

MAGNETIC BLOW OUT
Two Pole, Normally Open Contact
6A 250V AC1 5A 220V DC13
(L/R ratio:7msecs)

Contacts

Materials: Standard	AgNi
Optional, code 1	AgNi + Au 0.2µ
Optional, code 2	AgNi + Au 5.0µ
Max. switching current	6 A
Max. Peak inrush current (20 ms.)	15 A
Max. Switching voltage	250 V
Max. AC load (Graph 1)*	1.5 KVA
Max. DC load	See Graph 5*

Graph 1 Electrical life, ops x 10^6

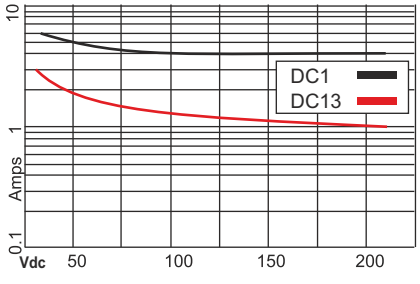


Coils (Ohms ± 10% @ 20ºC)

Pull-in voltage	≤ 0.8 x **Un**
Drop-out voltage	≥ 0.1 x **Un**
Nominal coil power	1.1 VA (AC) / 0.7 W (DC)

VDC	Ω	mA
12	224	53.0
24	742	32.0
48	3.500	13.7
110	19.900	5.5

Graph 5



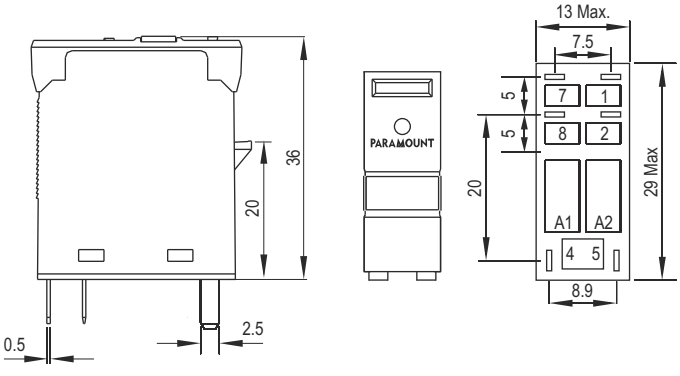
Insulation

Dielectric strength (1 minute):	
Open Contacts	2 KV
Between Adjacent Poles	5 KV
Between Contacts & Coil	5 KV
Insolation resistance at 500VDC	>3GΩ
Isolation, IEC 61810-5:	4 KV / 3

Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	8 ms.
Ambient Temperature	-40ºC (no ice).... +70ºC
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 100,000 ops.
Operating frequency at nominal load	1,200 / hour
Protection grade	IP40 / RT1
Weight Approx.	21 gms.

Dimensions in mm.



Standard types

DC : 12, 24, 48, 110
M = Magnetic Blow Out

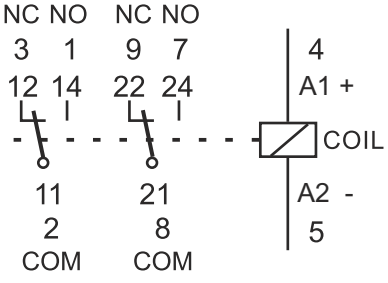
F = Mechanical Flag Indicator	**P2-A-FM .... VDC**
P = LED	**P2-A-FPM .... VDC**
W = Free Wheeling Diode	**P2-A-FWM .... VDC**

Suitable Sockets : S2D-A, S2LD-A, S2P

Approvals

TÜV CE cULus

PARAMOUNT
EXPECT MORE...



P2....H

HEAVY RATING RELAY

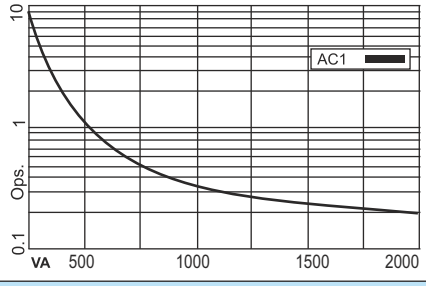
Two Pole, Change-Over Contact

8A 250V AC1 0.5A 110V DC1
8A 30V DC1 0.2A 220V DC1

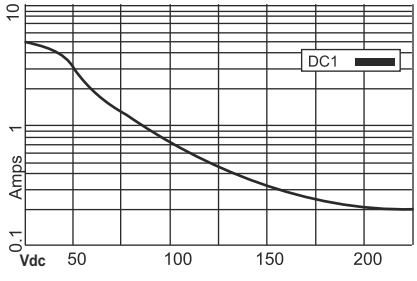
Contacts

Materials: Standard	AgNi
Optional, code 1	AgNi + Au 0.2µ
Optional, code 2	AgNi + Au 5.0µ
Max. Switching current	8 A
Max. Peak inrush current (20 ms.)	30 A
Max. Switching voltage	250 V
Max. AC load (Graph 6) *	2.0 KVA
Max. DC load	See Graph 7*

Graph 6 — Electrical life, ops x 10^6



Graph 7 — Max. DC load



Coils (Ohms ± 10% @ 20ºC)

Pull-in voltage	≤ 0.8 x **Un**
Drop-out voltage	≥ 0.1 x **Un**
Nominal coil power	1.1 VA (AC) / 0.7 W (DC)

VAC	Ω	mA	VDC	Ω	mA
24	290	45.0	12	224	53.0
48	1.200	23.0	24	742	32.0
115	7.300	9.5	48	3.500	13.7
230	28.800	4.7	110	19.900	5.5

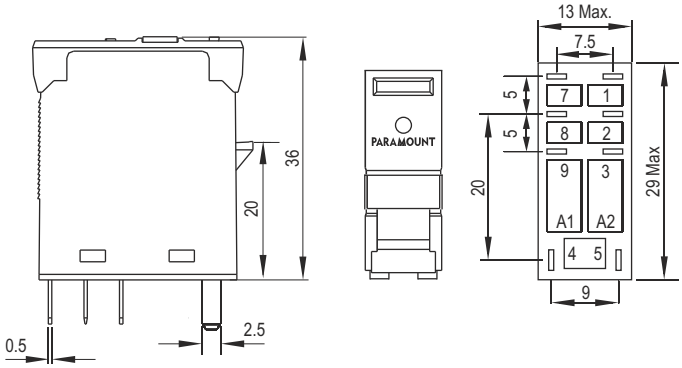
Insulation

Dielectric strength (1 minute):	
Open contacts	1.000 V
Between Adjacent poles	3.000 V
Between contacts & Coil	5 KV
Insolation resistance at 500VDC	>3GΩ
Isolation, IEC 61810-5:	4 KV / 3

Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	8 ms.
Ambient Temperature	-40ºC (no ice).... +70ºC
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 100,000 ops.
Operating frequency at nominal load	1,200 / hour
Protection grade	IP40 / RT1
Weight Approx.	21 gms.

Dimensions in mm.



Standard types

AC : 24, 48, 115, 230

F = Mechanical Flag Indicator	**P2-FH**	.... **VAC**
P = LED	**P2-FPH**	.... **VAC**
I = Lockable & Manual Push Button	**P2-FPIH**	.... **VAC**
R = RC Snubber circuit (115 or 230V)	**P2-FPIRH**	.... **VAC**

DC : 12, 24, 48, 110

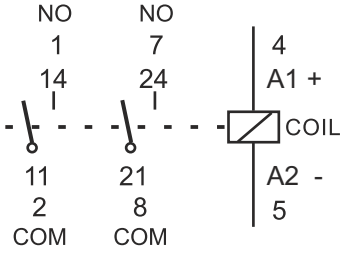
F = Mechanical Flag Indicator	**P2-FH**	.... **VDC**
P = LED	**P2-FPH**	.... **VDC**
W = Free Wheeling Diode	**P2-FPWH**	.... **VDC**
Z = Polarity & Free Wheeling Diode	**P2-FPZH**	.... **VDC**
I = Lockable & Manual Push Button	**P2-FPZIH**	.... **VDC**
B = AC/DC Bridge Rectifier (24/48V)	**P2-FPIBH**	.... **VDC**

Suitable Sockets : S2D, S2LD, S2P

Approvals

TÜV CE cULus

PARAMOUNT
EXPECT MORE...



P2-A....H

HEAVY RATING RELAY

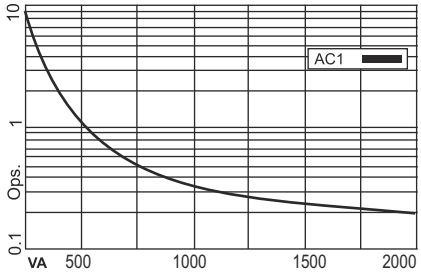
Two Pole, Change-Over Contact

8A 250V AC1 1.0A 110V DC1
8A 30V DC1 0.5A 220V DC1

Contacts

Materials: Standard	AgNi
Optional, code 1	AgNi + Au 0.2µ
Optional, code 2	AgNi + Au 5.0µ
Max. Switching current	8 A
Max. Peak inrush current (20 ms.)	30 A
Max. Switching voltage	250 V
Max. AC load (Graph 6) *	2.0 KVA
Max. DC load	See Graph 8*

Graph 6 Electrical life, ops x 10^6

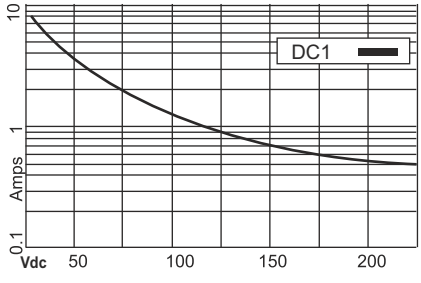


Coils (Ohms ± 10% @ 20ºC)

Pull-in voltage	≤ 0.8 x **Un**
Drop-out voltage	≥ 0.1 x **Un**
Nominal coil power	1.1 VA (AC) / 0.7 W (DC)

VAC	Ω	mA	VDC	Ω	mA
24	290	45.0	12	224	53.0
48	1.200	23.0	24	742	32.0
115	7.300	9.5	48	3.500	13.7
230	28.800	4.7	110	19.900	5.5

Graph 8 Max. DC load



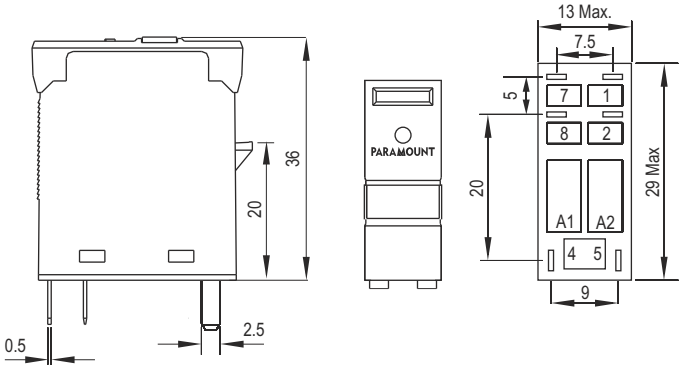
Insulation

Dielectric strength (1 minute):	
Open contacts	1.000 V
Between Adjacent poles	3.000 V
Between contacts & Coil	5 KV
Insolation resistance at 500VDC	>3GΩ
Isolation, IEC 61810-5:	4 KV / 3

Specifications

Operate Time + Bounce Time	10 ms.
Release Time + Bounce Time	8 ms.
Ambient Temperature	-40ºC (no ice).... +70ºC
Mechanical life ops.	10 Million AC, 20 Million DC relays
Electrical life at nominal load	> 100,000 ops.
Operating frequency at nominal load	1,200 / hour
Protection grade	IP40 / RT1
Weight Approx.	21 gms.

Dimensions in mm.



Standard types

AC : 24, 48, 115, 230

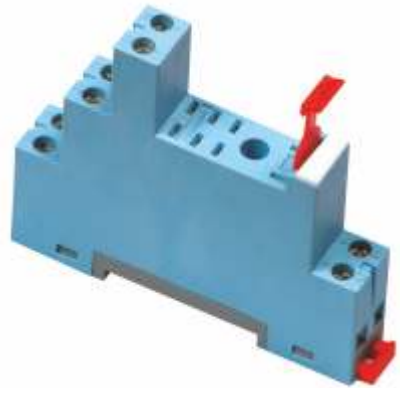
H = Heavy Duty Relays		
F = Mechanical Flag Indicator	**P2-A-FH**	**.... VAC**
P = LED	**P2-A-FPH**	**.... VAC**
I = Lockable & Manual Push Button	**P2-A-FPIH**	**.... VAC**
R = RC Snubber circuit (115 or 230V)	**P2-A-FPIRH**	**.... VAC**
DC : 12, 24, 48, 110		
F = Mechanical Flag Indicator	**P2-A-FH**	**.... VDC**
P = LED	**P2-A-FPH**	**.... VDC**
W =Free Wheeling Diode	**P2-A-FPWH**	**.... VDC**
Z = Polarity & Free Wheeling Diode	**P2-A-FPZH**	**.... VDC**
B = AC/DC Bridge Rectifier (24/48V)	**P2-A-FPBH**	**.... VAD**

Suitable Sockets : S2D-A, S2LD-A, S2P

Approvals

TÜV CE cULus

PARAMOUNT
EXPECT MORE...

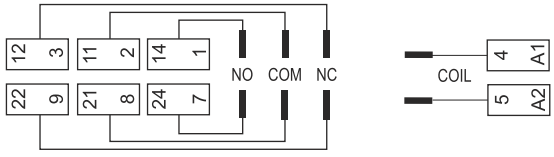


S2D

Only **15 mm** WIDE

Input / Output Socket (6A / 8A)
for P2 CO Relays
DIN Rail or Panel Mountable

Wiring Diagram

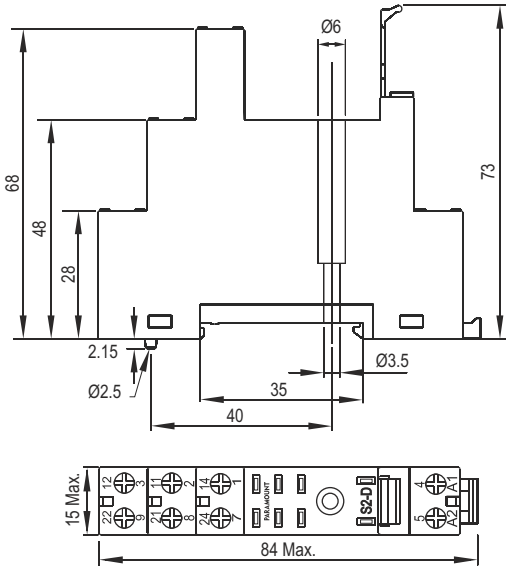


Specifications

Poles	2 Change Over Contact
Nominal load :	6A / 8A @ 250V
Insulation: Di- electric strength, 1munitu	5 KV
Between contact and coil	5 KV
Between all terminals and DIN Rail	3 KV
Between adjacent terminals	
	1.2 Nm
Brass Tin Plated Screw	M3, Pozi
Max. Screw torque	
Screw dimensions	4 mm^2 or 2 x 2.25 mm^2
	22 14 AWG
Wire in-lets capacity:	4 mm^2
Solid wire	
Multi core	38 gms.
Ferrule tip terminals	

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

Dimensions in mm.



Accessories

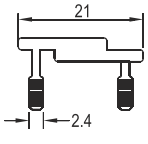
S2D-B1

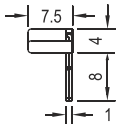
S2D-B4

Accessories

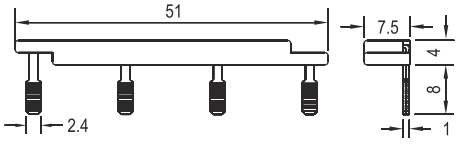
Bridge Bar S2D-B1 & S2D-B4 for Coil Terminal (A2 / 5)

Dimensions in mm.





S2D-B1, 10A @ 250 VAC, 1 Way Bridge for Coil

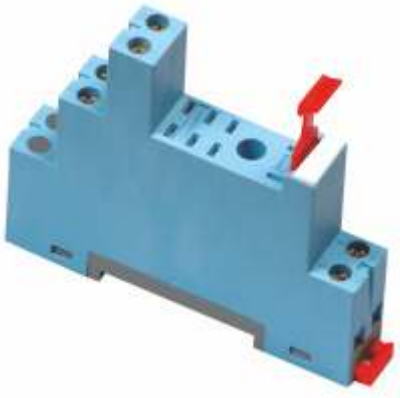


S2D-B4, 10A @ 250 VAC, 4 Way Bridge for Coil

Approvals

TÜV CE cULus

PARAMOUNT
EXPECT MORE...

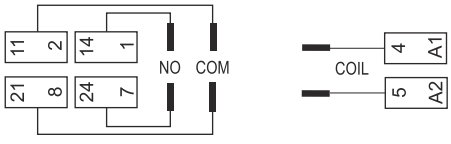


S2D-A

Input / Output Socket (6A / 8A)
for P2 NO Relays
DIN Rail or Panel Mountable

Only **15 mm** WIDE

Wiring Diagram

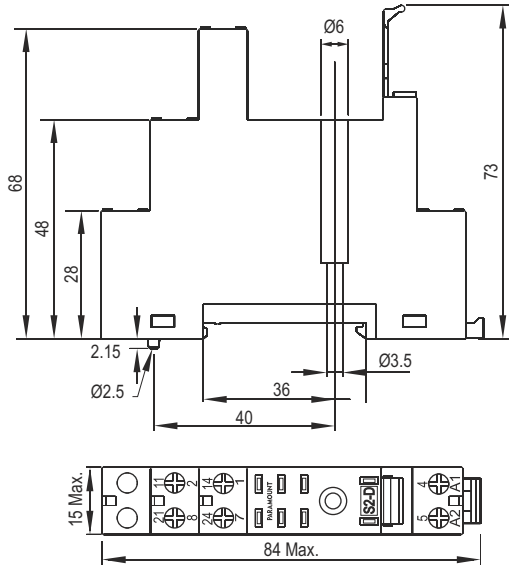


Specifications

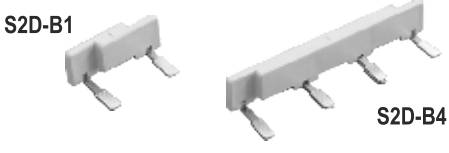
Poles	2 Normally Open Contact
Nominal load :	6A / 8A @ 250V
Insulation: Di- electric strength, 1munitu	5 KV
Between contact and coil	5 KV
Between all terminals and DIN Rail	3 KV
Between adjacent terminals	
	1.2 Nm
Brass Tin Plated Screw	M3, Pozi
Max. Screw torque	
Screw dimensions	4 mm^2 or 2 x 2.25 mm^2
	22 14 AWG
Wire in-lets capacity:	4 mm^2
Solid wire	
Multi core	38 gms.
Ferrule tip terminals	

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

Dimensions in mm.



Accessories

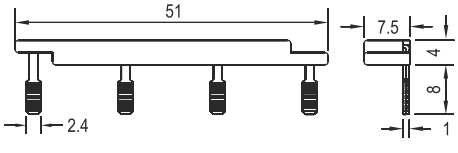


Accessories

Bridge Bar S2D-B1 & S2D-B4 for Coil Terminal (A2 / 5)

Dimensions in mm.

S2D-B1, 10A @ 250 VAC, 1 Way Bridge for Coil

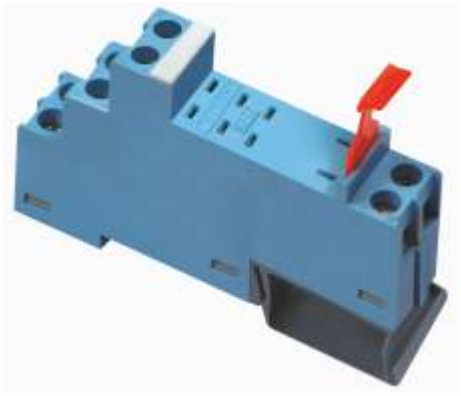


S2D-B4, 10A @ 250 VAC, 4 Way Bridge for Coil

Approvals

TÜV CE cULus

PARAMOUNT
EXPECT MORE...

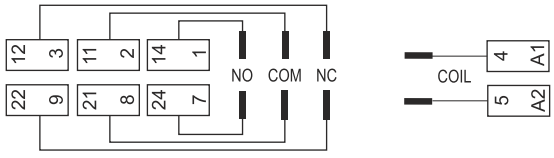


S2LD

Input / Output Socket (6A / 8A)
for P2 CO Relays
DIN Rail or Panel Mountable

Only **16mm** WIDE

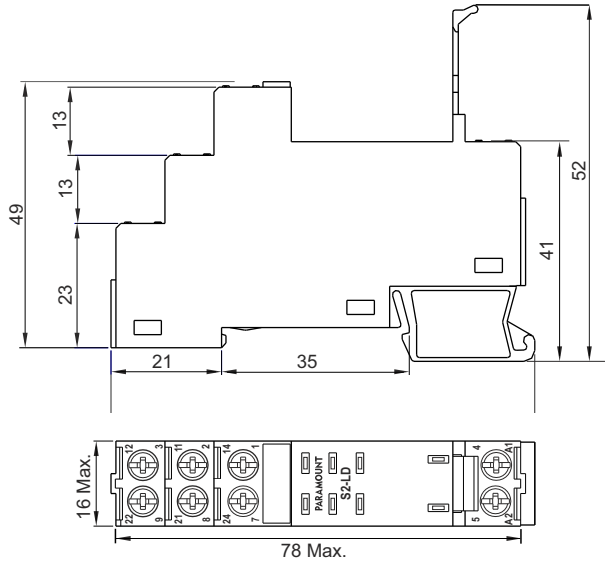
Wiring Diagram



Specifications

Poles	2 Change Over Contact
Nominal load :	6A / 8A @ 250V
Insulation: Di- electric strength, 1munitu	5 KV
Between contact and coil	5 KV
Between all terminals and DIN Rail	3 KV
Between adjacent terminals	
	1.2 Nm
Brass Tin Plated Screw	M3, Pozi
Max. Screw torque	
Screw dimensions	4 mm^2 or 2 x 2.25 mm^2
	22 14 AWG
Wire in-lets capacity:	4 mm^2
Solid wire	
Multi core	38 gms.
Ferrule tip terminals	
Weight Approx.	
DIN Rail / Panel Mountable	
Integrated Relay Hold Down Clip	
Removable White Marking Label	
EN / DIN Sequential Numbering according to	
EN 60947 & IEC 61810	

Dimensions in mm.



Accessories

S2LD-B1

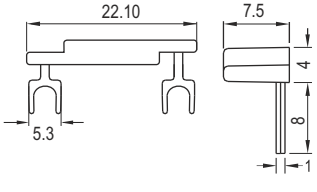
C Terminal

Accessories

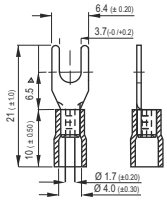
S2LD-B1 - 1 Way Bridge

Fork / C - Terminal for wire connection

Dimensions in mm.



S2LD-B1
1 Way Bridge for Coil



Fork / C type crimped Terminal
used for wire connection

Approvals

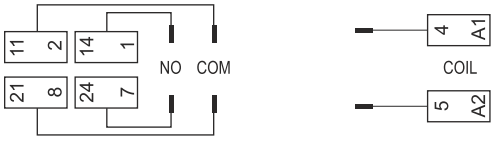
TÜV CE cULus

PARAMOUNT
EXPECT MORE...

S2LD-A

Input / Output Socket (6A / 8A)
for P2 NO Relays
DIN Rail or Panel Mountable

Only **16mm** WIDE

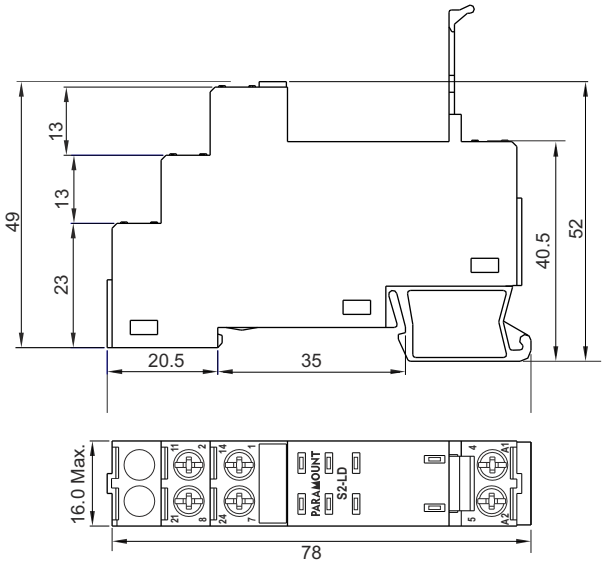


Specifications

Poles	2 Normally Open Contact
Nominal load :	6A / 8A @ 250V
Insulation: Di- electric strength, 1munitu	5 KV
Between contact and coil	5 KV
Between all terminals and DIN Rail	3 KV
Between adjacent terminals	
	1.2 Nm
Brass Tin Plated Screw	M3, Pozi
Max. Screw torque	
Screw dimensions	4 mm^2 or 2 x 2.25 mm^2
	22 14 AWG
Wire in-lets capacity:	4 mm^2
Solid wire	
Multi core	38 gms.
Ferrule tip terminals	

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

Dimensions in mm.



Accessories

S2LD-B1

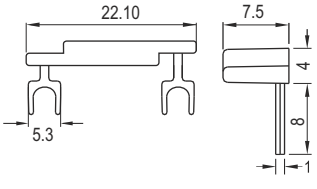
C Terminal

Accessories

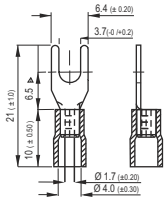
S2LD-B1 - 1 Way Bridge

Fork / C - Terminal for wire connection

Dimensions in mm.



S2LD-B1
1 Way Bridge for Coil



Fork / C type crimped Terminal
used for wire connection

Approvals

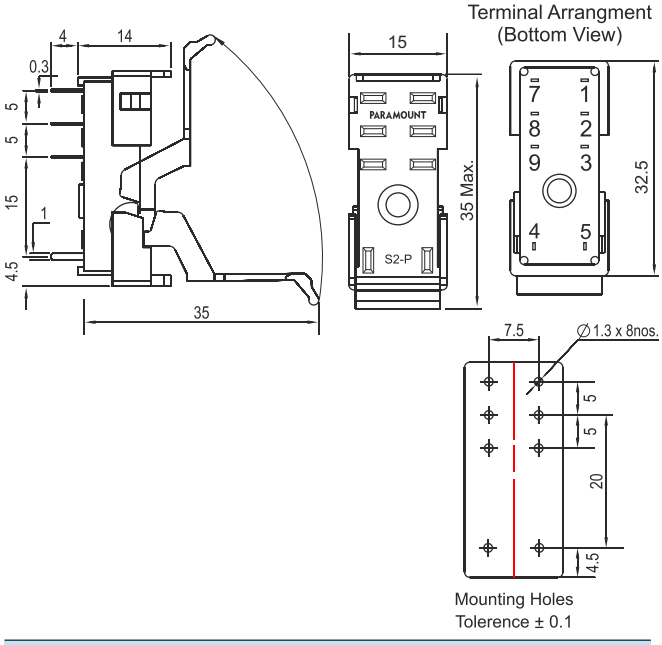
TÜV CE cULus

PARAMOUNT
EXPECT MORE...

S2-P

Printed Circuit Socket
(6A / 8A) for P2 Relays

Dimensions in mm.



Specifications

Nominal load	6A / BA @250V
Dielectric strength 1 min.	
Coil terminals to contacts	5 KV
Hard brass tin-plated terminals	0.3 x 1mm
Integrated Relay hold down clip	
Weight Approx.	6 gms.

Ordering Information

Classification	Coil Ratings	Standard Types - DPDT (2C/O)
General Purpose	AC / DC	P2-F
LED Indicator & Flag Indicator		P2-FP
LED Indicator with Flag Indicator, Free Wheeling & Polarity Diode	DC	P2-FPZ
LED Indicator with Flag Indicator, Free Wheeling & Polarity Diode, Lockable & Manual Push Button		P2-FPZI

P2 ☐ ☐ ☐ ☐ ☐ ☐
1 2 3 4 5 6

1 : Relay Type
Blank : General Purpose / Standard

2 : Contact Form
Blank : DPDT (2 C/O)
A : DPST-NO(2 N/O)

3 : Contact Type
Blank : Single

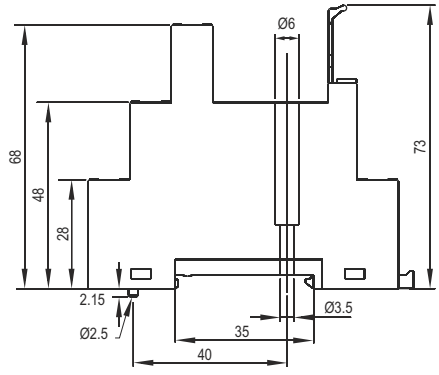
4 : Features
Blank : No features / Standard
F : Mechanical Operation Indicator
P : LED Indicator
Z : Free Wheeling + Polarity Diode
I : Lockable + Manual Push Button
B : Bridge rectifier
R : R/C (Snubber Circuit)
M : Magnetic Blow Out
H : Heavy Duty Relay
W: Free Wheeling Diode

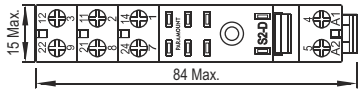
5 : Contact Material
Blank : AgNi
1 : AgNi + Au 0.3µ
2 : AgNi + Au 5.0µ

6 : Rated Coil Voltage
6 / 12 / 24 / 48 / 110 - VDC
6 / 12 / 24 / 115 / 230 - VAC

Example : P2-FPZI-1-24VDC | means Standard, DPDT (2 C/O Contact), with Mechanical Operation Indicator, with LED Indicator, with Free Wheeling and Polarity Diode, with Lockable and Manual Push Button, with AgNi Contacts and 0.2µ Gold Flash with 24 VDC Coil

S2D is the World's most compact (15mm width) DIN Rail Mountable Socket for the relays with the below Pitch & Pin configuration





15mm width of the S2D DIN Rail Mountable Socket allows to mount 64 Sockets on a Standard 35 mm Din Rail with a length of 1 meter / 1000 mm length (with a provision for 5 Nos. of End stoppers each with a width of 8 mm).

Generally the PLC (Programmable Logic Controller) / DCS (Distributed Control System) output is 64 Bit output which requires 64 Relays to drive the load.

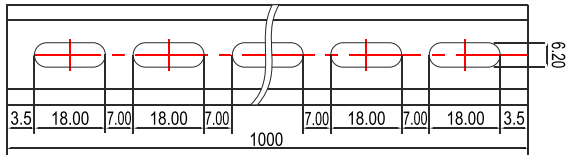
All the 64 Relays driven by a particular PLC / DCS can be mounted on a single 35 mm standard 1 Mt / 1000 mm Din Rail.

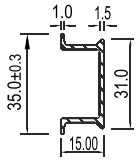
The provision to mount 64 Relays on a single 35 mm DIN Rail with 1 mt / 1000 length makes the wiring, identification of the relays from a particular PLC / DCS & maintenance very easy and convenient.

Mounting Tracks

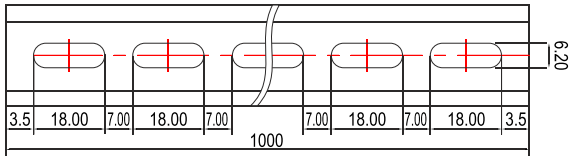
All Dimensions in mm

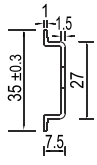
PDR-15



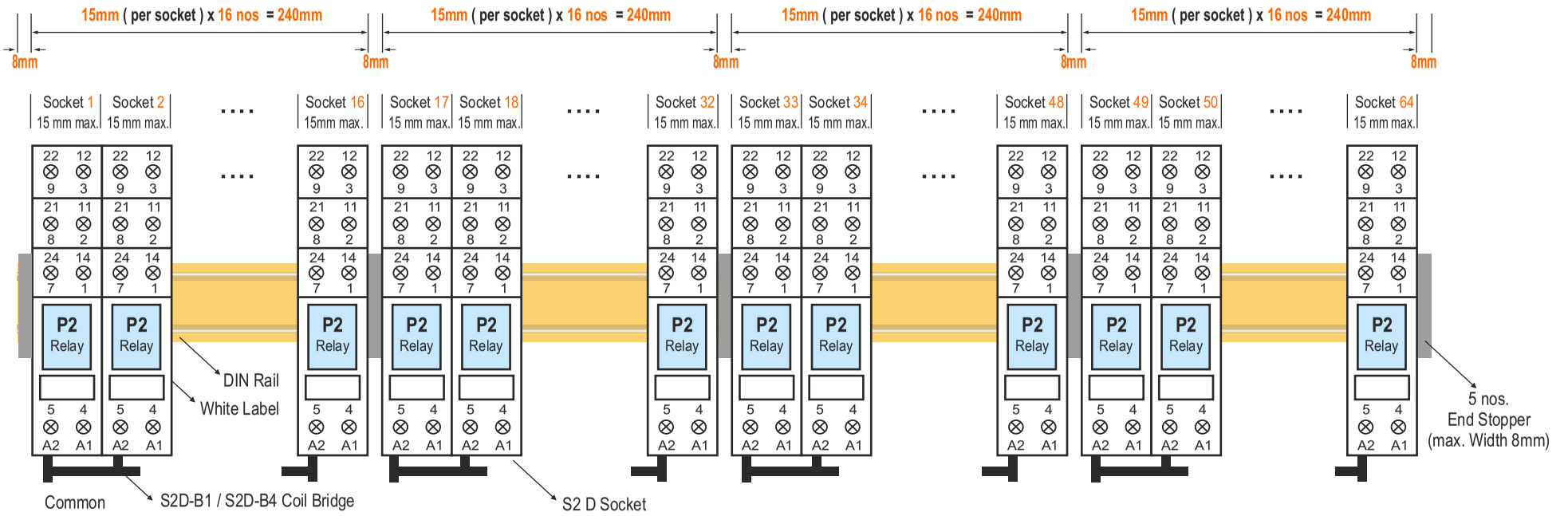


PDR-7.5





Schematic diagram showing typical mounting of 64 Relays & Sockets on a standard 35 mm Din Rail with 1 meter (1000 mm) length



S2 D sockets can be interconnected through bridge bars in the coil line at the points A2 by using S2D-B1 and S2D-B4 Coil Bridges

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