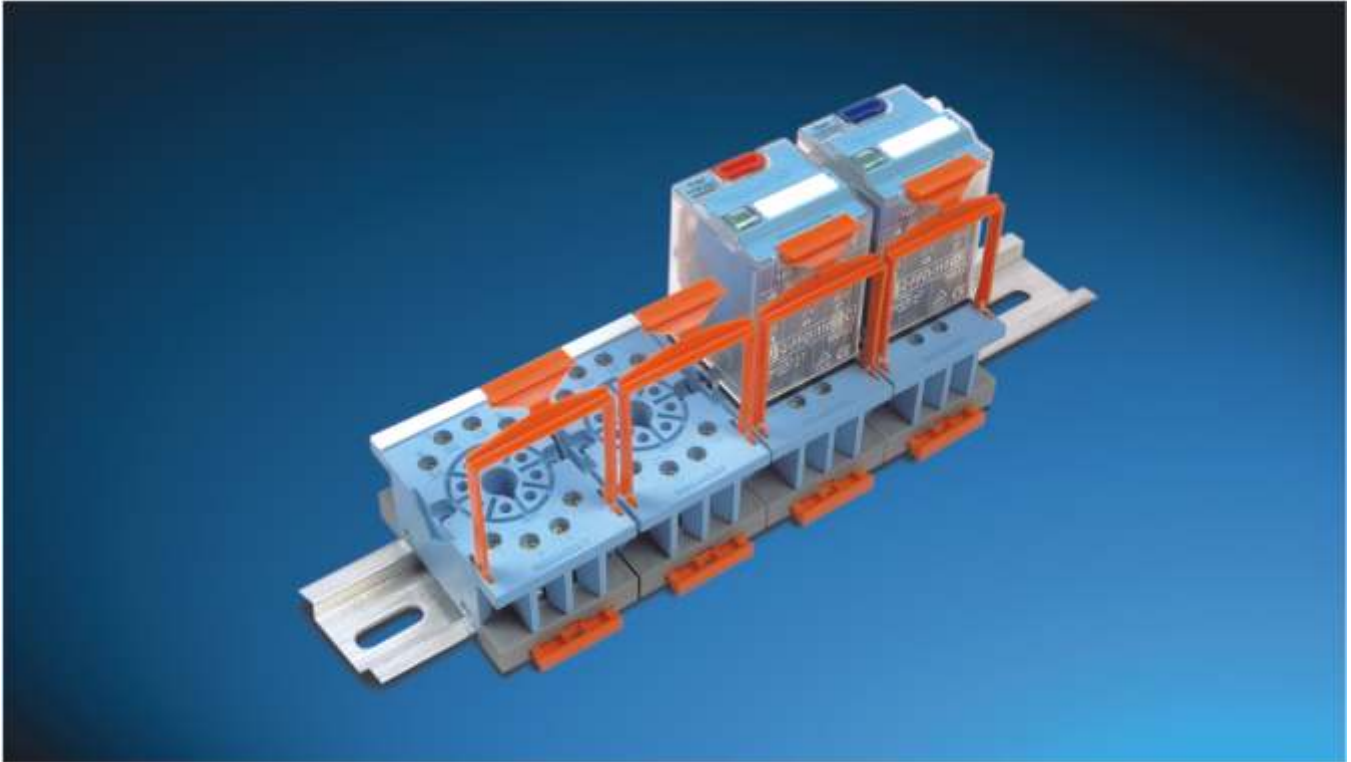
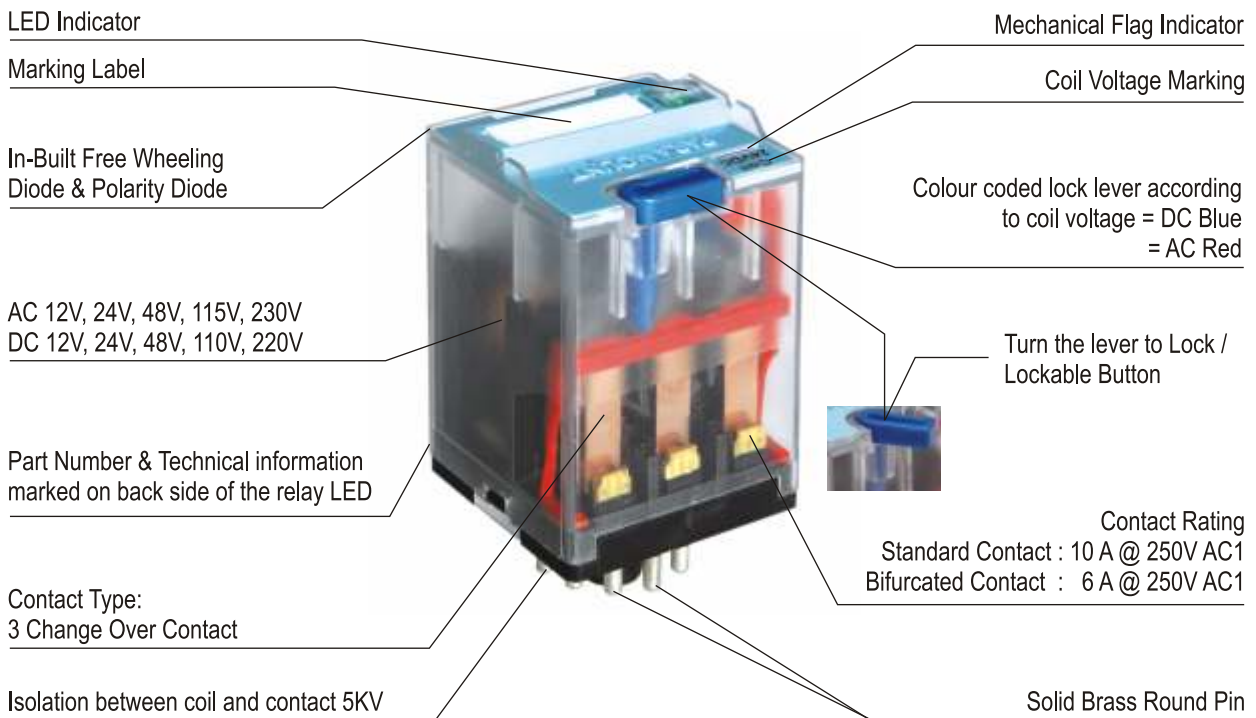


Catalogue

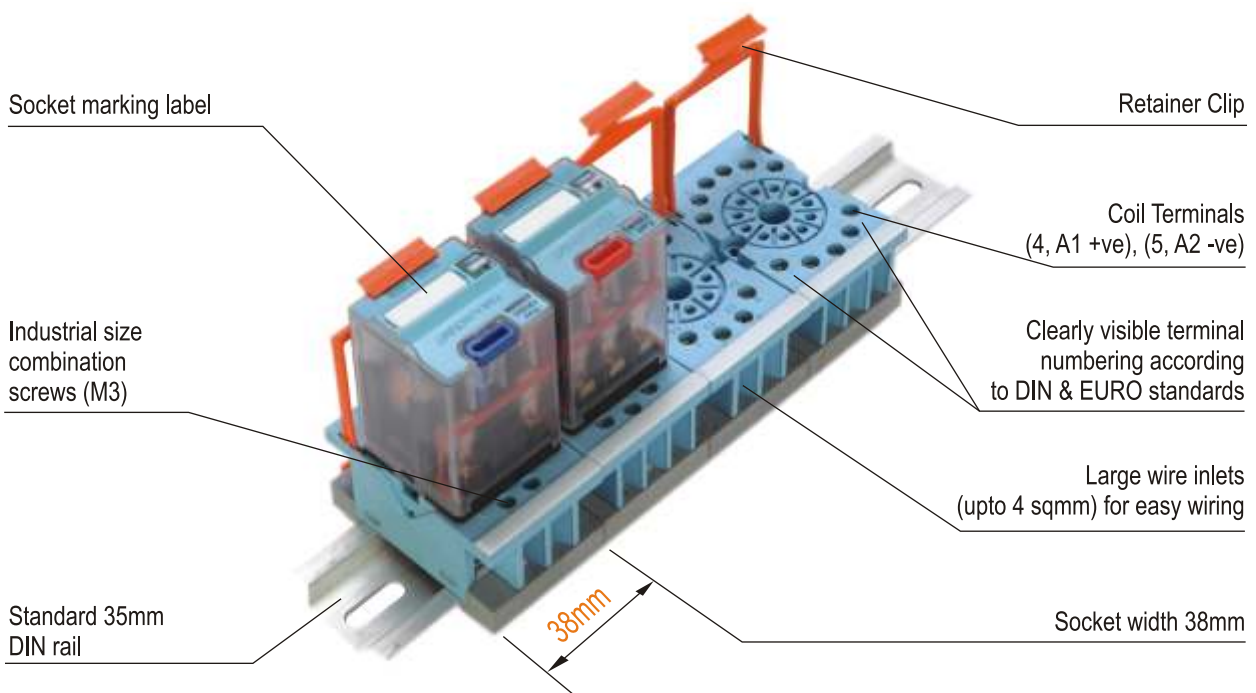
Series P3 2c/o & 3c/o Relay



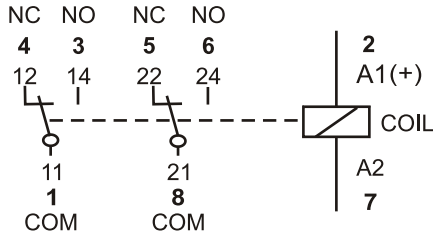
Benefits
of the new



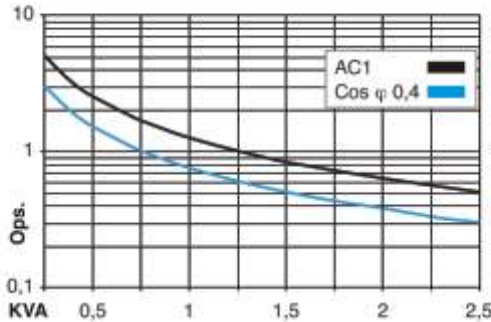
P3 is a Two & Three Pole Industrial Plug In Relay with all the In-built Mechanical and Electronic Features.



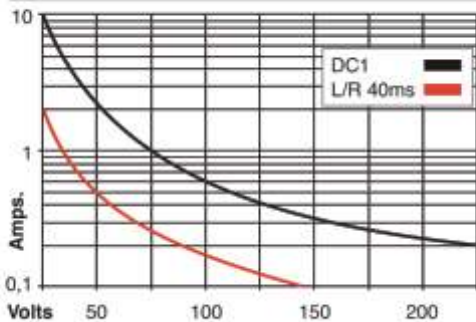
S8D & S11D is a Two Pole & Three Pole Touch protected Interface Socket.



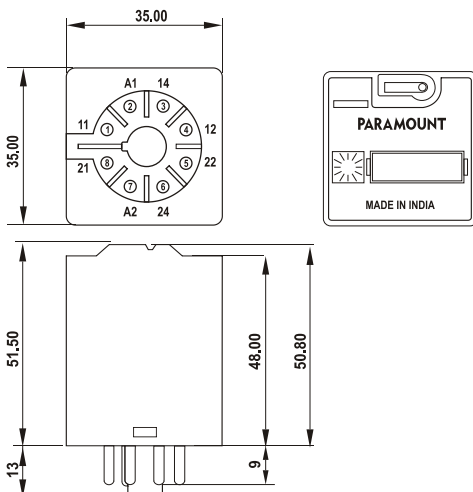
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-2

General Purpose 2 C/O Contacts

10 A 250V AC1 0.5 A 110V DC1

10 A 30V DC1 0.2 A 220V DC1

Contacts

Materials :	Standard	AgNi
	Optional 1	AgNi + Au 0.2 μ
	Optional 2	AgNi + Au 5.0 μ
Max. Switching Current		10A
Max. Peak Inrush Current (20 ms)		30A
Max. Switching Voltage		250 VAC
Switching Power range		0.3 VA (W) to 2500 VA
Max. Contact Resistance		20m Ω
Max. AC Load (Table 1)		2.5 KVA
Max. DC Load (See Table 2)		-

Coils (Ohms ± @ 20°C)

Pull-in Voltage	≤ 0.8xUn
Drop-out Voltage	≤ 0.1xUn
Nominal Coil Power	1.6 VA (AC / 1.3 W (DC)

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts	1500 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	+3 / 3.5+8 ms
Operate / Release & Bounce Time Max. for AC	9+8 / 12+16 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

Standard Types

AC : 50Hz (60Hz) : 6, 12, 24, 48, 115, (120), 230, (240)

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

I = Lockable Push Button

R = RC Circuit across the coil

B = AC / DC Bridge Rectifier (24 or 48 V)

P3-2-FP VAC

P3-2-FPI VAC

P3-2-FPIR VAC

P3-2-FPIRB VAC

DC : 6, 12, 24, 48, 110, 220

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

I = Lockable Push Button

R = RC Circuit across the coil

P3-2-FP VDC

P3-2-FPZ VDC

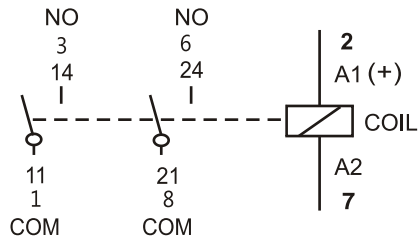
P3-2-FPZI VDC

P3-2-FPZIR VDC

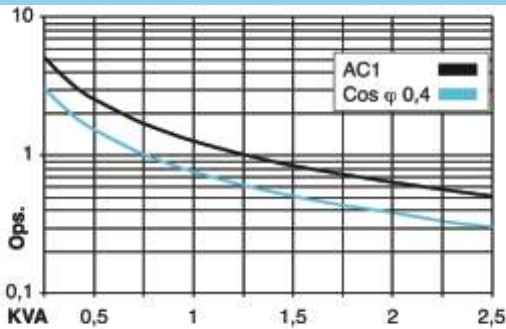
Suitable Sockets: S8D, S8LD

Approvals

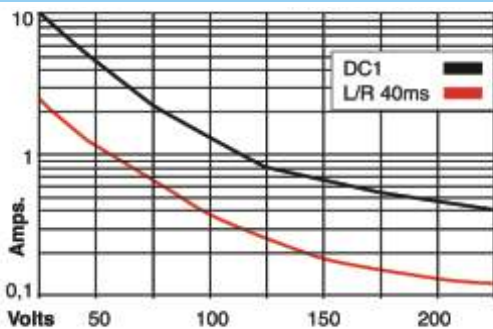




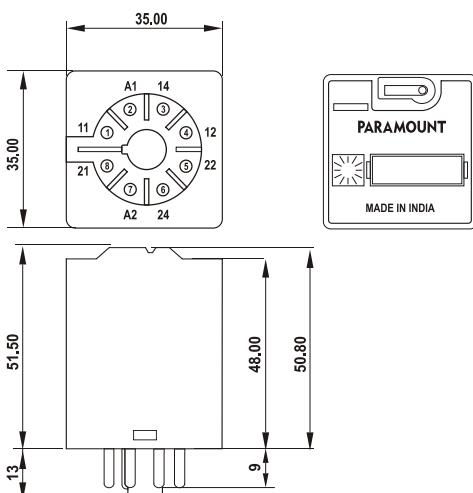
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-2A

General Purpose 2 NO Contacts

10 A 250V AC1 0.7 A 110V DC1
10 A 30V DC1 0.4 A 220V DC1

Contacts

Materials :	Standard	AgNi
	Optional 1	AgNi + Au 0.2 μ
	Optional 2	AgNi + Au 5.0 μ
Max. Switching Current		10A
Max. Peak Inrush Current (20 ms)		30A
Max. Switching Voltage		250 VAC
Switching Power range		0.3 VA (W) to 2500 VA
Max. Contact Resistance		20m Ω
Max. AC Load (Table 1)		2.5 KVA
Max. DC Load (See Table 2)		-
Coils (Ohms ± @ 20°C)		
Pull-in Voltage		≥ 0.8xUn
Drop-out Voltage		< 0.1xUn
Nominal Coil Power		1.6 VA (AC / 1.3 W (DC)

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts	2000 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	20+3 ms
Operate / Release & Bounce Time Max. for AC	20+8 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

Standard Types

AC : 50Hz (60Hz) : 6, 12, 24, 48, 115, (120), 230, (240)

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

I = Lockable Push Button

R = RC Circuit across the coil

B = AC / DC Bridge Rectifier (24 or 48 V)

P3-2A-FP VAC

P3-2A-FPI VAC

P3-2A-FPIR VAC

P3-2A-FPIRB..... VAC

DC : 6, 12, 24, 48, 110, 220

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

I = Lockable Push Button

R = RC Circuit across the coil

P3-2A-FP VDC

P3-2A-FPZ VDC

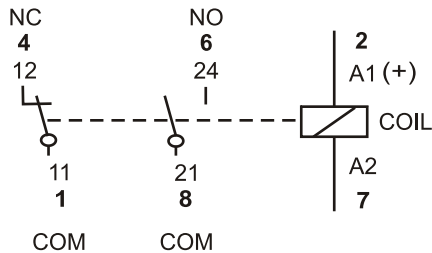
P3-2A-FPZI VDC

P3-2A-FPZIR VDC

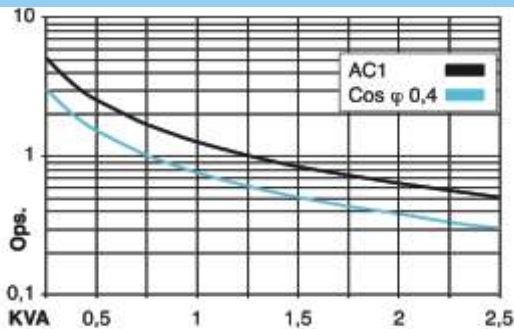
Suitable Sockets: S8D-YA, S8LD-YA

Approvals

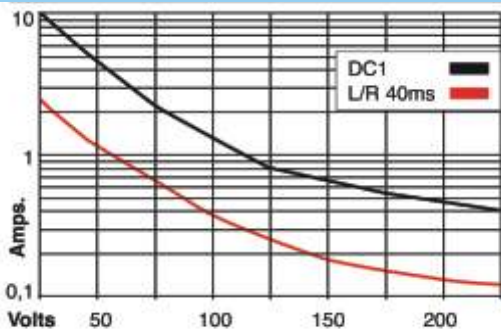




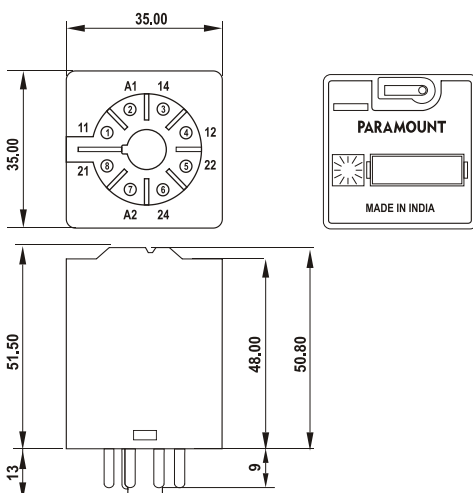
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-X

General Purpose 1 NO + 1 NC Contacts

10 A 250V AC1 0.7 A 110V DC1

10 A 30V DC1 0.4 A 220V DC1

Contacts

Materials :	Standard	AgNi
	Optional 1	AgNi + Au 0.2 μ
	Optional 2	AgNi + Au 5.0 μ
Max. Switching Current		10A
Max. Peak Inrush Current (20 ms)		30A
Max. Switching Voltage		250 VAC
Switching Power range		0.3 VA (W) to 2500 VAz
Max. Contact Resistance		20m Ω
Max. AC Load (Table 1)		2.5 KVA
Max. DC Load (See Table 2)		-
Coils (Ohms ± @ 20°C)		
Pull-in Voltage		≥ 0.8xUn
Drop-out Voltage		≥ 0.1xUn

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts	2000 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	20+3 ms
Operate / Release & Bounce Time Max. for AC	20+8 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 50 ,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

Standard Types

AC : 50Hz (60Hz) : 6, 12, 24, 48, 115, (120), 230, (240)

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

I = Lockable Push Button

R = RC Circuit across the coil

B = AC / DC Bridge Rectifier (24 or 48 V)

DC : 6, 12, 24, 48, 110, 220

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

I = Lockable Push Button

R = RC Circuit across the coil

P3-X-FP VAC

P3-X-FPI VAC

P3-X-FPIR VAC

P3-X-FPIRB VAC

P3-X-FP VDC

P3-X-FPZ VDC

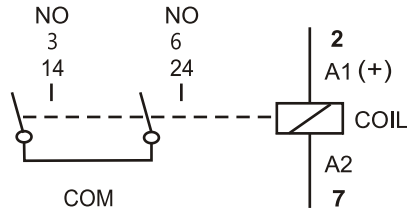
P3-X-FPZI VDC

P3-X-FPZIR VDC

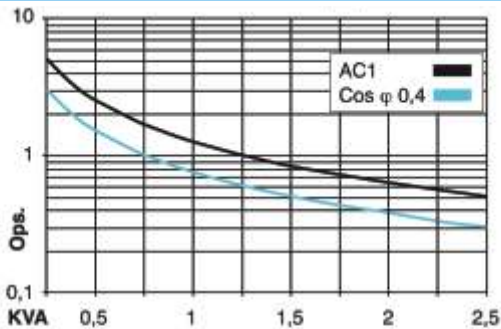
Suitable Sockets: S8D-X, S8LD-X

Approvals

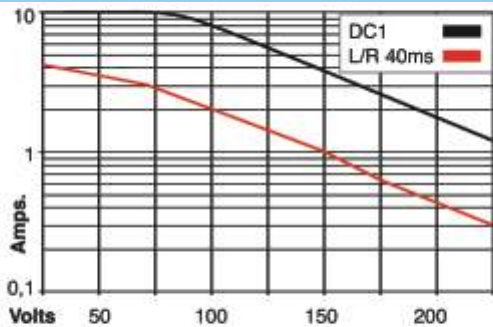




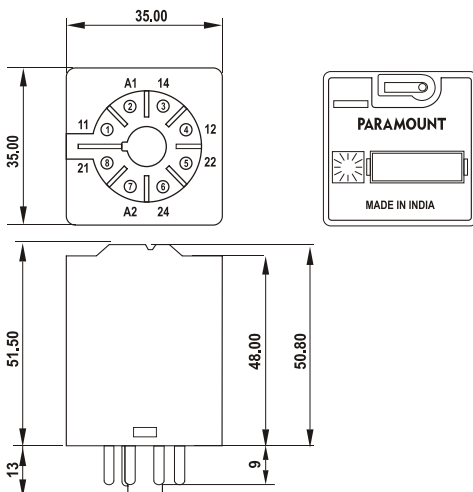
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-Y

General Purpose 1 NO Double Break

10 A 250V AC1 7.0 A 110V DC1

10 A 30V DC1 1.2 A 220V DC1

Contacts

Materials :	Standard	AgNi
	Optional 1	AgNi + Au 0.2 μ
	Optional 2	AgNi + Au 5.0 μ
Max. Switching Current		10A
Max. Peak Inrush Current (20 ms)		30A
Max. Switching Voltage		250 VAC
Switching Power range		0.3 VA (W) to 2500 VA
Max. Contact Resistance		20m Ω
Max. AC Load (Table 1)		2.5 KVA
Max. DC Load (See Table 2)		-

Coils (Ohms ± @ 20°C)

Pull-in Voltage	< 0.8 x Un
Drop-out Voltage	< 0.1 x Un

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts	2000 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	20+3 ms
Operate / Release & Bounce Time Max. for AC	20+8 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

Standard Types

AC : 50Hz (60Hz) : 6, 12, 24, 48, 115, (120), 230, (240)

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

I = Lockable Push Button

R = RC Circuit across the coil

B = AC / DC Bridge Rectifier (24 or 48 V)

P3-Y-FP VAC

P3-Y-FPI VAC

P3-Y-FPIR VAC

P3-Y-FPIRB VAC

DC : 6, 12, 24, 48, 110, 220

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

I = Lockable Push Button

R = RC Circuit across the coil

P3-Y-FP VDC

P3-Y-FPZ VDC

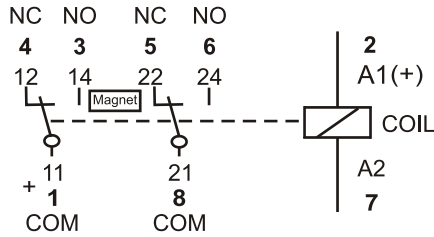
P3-Y-FPZI VDC

P3-Y-FPZIR VDC

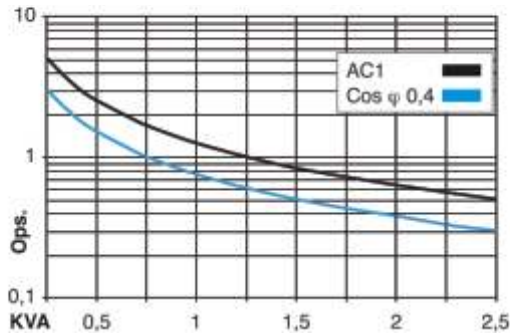
Suitable Sockets: S8D-YA, S8LD-YA

Approvals

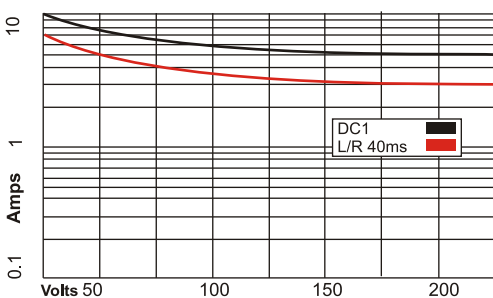




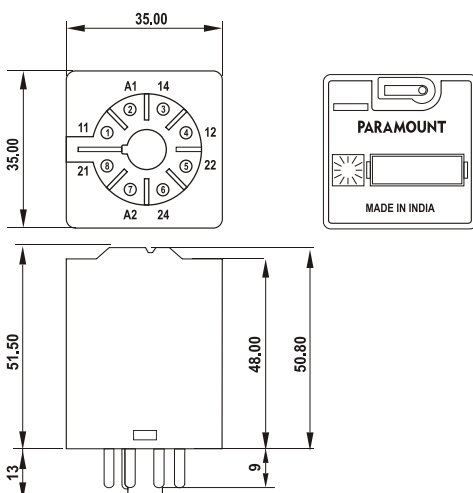
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-2.....M



Magnetic Blow Out 2 C/O Contacts

10 A 250V AC1 5 A 220V DC1

10 A 30V DC1 3 A 220V DC13

Contacts

Materials :	Standard	AgNi
	Optional 1	AgNi + Au 0.2 μ
	Optional 2	AgNi + Au 5.0 μ
Max. Switching Current		10A
Max. Peak Inrush Current (20 ms)		30A
Max. Switching Voltage		250 VAC
Switching Power range		0.3 VA (W) to 2500 VA
Max. Contact Resistance		20m Ω
Max. AC Load (Table 1)		2.5 KVA

Coils (Ohms ± @ 20°C)

Pull-in Voltage	≤ 0.8xUn
Drop-out Voltage	≤ 0.1xUn

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts	1500 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	16+3 / 3.5+8 ms
Operate / Release & Bounce Time Max. for AC	15+8 / 12+16 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

Standard Types

AC : 50Hz (60Hz) : 6, 12, 24, 48, 115, (120), 230, (240)

M = Magnetic Blow Out

P = LED Indicator (standard)

R = RC Circuit across the coil

B = AC / DC Bridge Rectifier (24 or 48 V)

P3-2-PM VAC

P3-2-PRBM VAC

DC : 6, 12, 24, 48, 110, 220

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

R = RC Circuit across the coil

P3-2-PM VDC

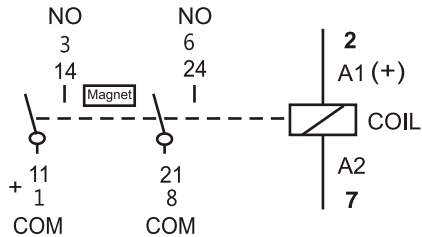
P3-2-PZ M VDC

P3-2-PZRM VDC

Suitable Sockets: S8D, S8LD

Approvals





P3-2A....M

Magnetic Blow Out 2 NO Contacts

10 A 250V AC1 10 A 220V DC1
10 A 30V DC1 5 A 220V DC13

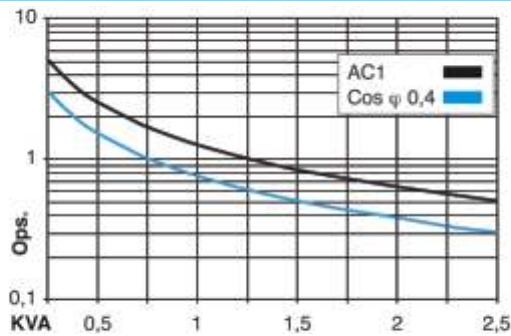
Contacts

Materials :	Standard	AgNi
	Optional 1	AgNi + Au 0.2 μ
	Optional 2	AgNi + Au 5.0 μ
Max. Switching Current		10A
Max. Peak Inrush Current (20 ms)		30A
Max. Switching Voltage		250 VAC
Switching Power range		0.3 VA (W) to 2500 VA
Max. Contact Resistance		20m Ω
Max. AC Load (Table 1)		2.5 KVA

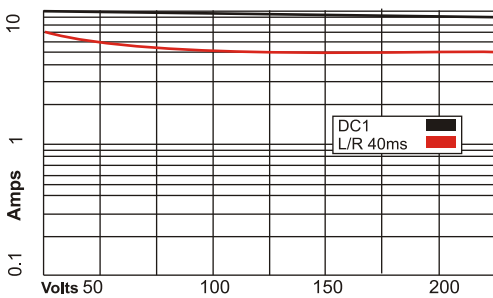
Coils (Ohms ± @ 20°C)

Pull-in Voltage	≥ 0.8xUn
Drop-out Voltage	≥ 0.1xUn

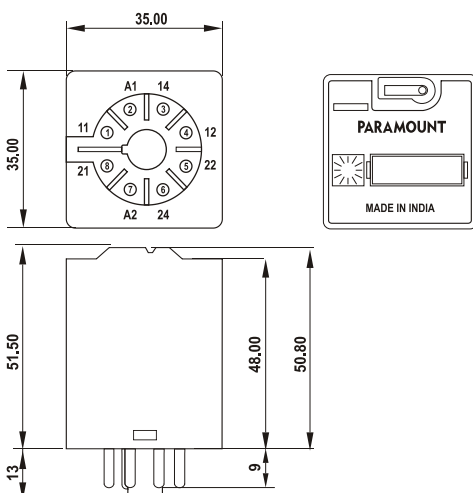
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts	2000 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	20+3 ms
Operate / Release & Bounce Time Max. for AC	20+8 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

Standard Types

AC : 50Hz (60Hz) : 6, 12, 24, 48, 115, (120), 230, (240)

M = Magnetic Blow Out

P = LED Indicator (standard)

R = RC Circuit across the coil

B = AC / DC Bridge Rectifier (24 or 48 V)

P3-2A-PM VAC

P3-2A-PRBM VAC

P3-2A-PRBM VAC

DC : 6, 12, 24, 48, 110, 220

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

R = RC Circuit across the coil

P3-2A-PM VDC

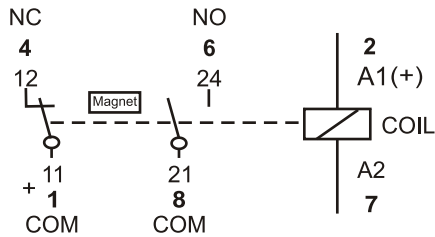
P3-2A-PZM VDC

P3-2A-PZRM VDC

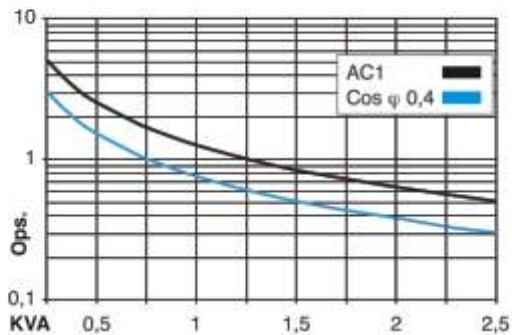
Suitable Sockets: S8D-YA, S8LD-YA

Approvals

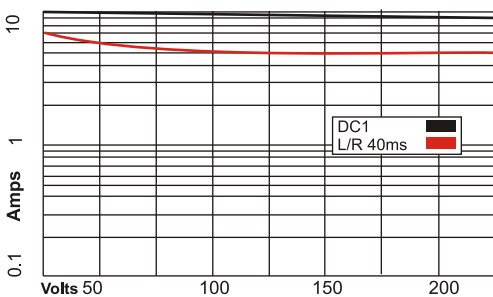




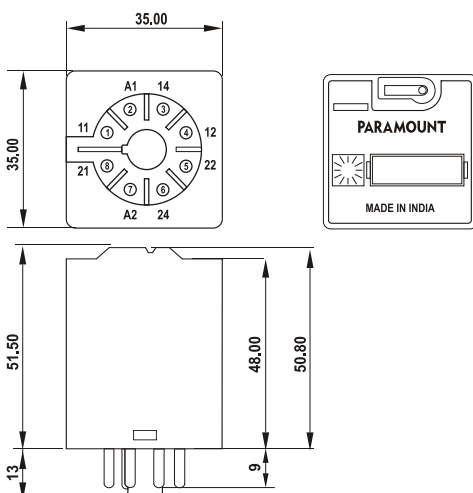
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-X....M



Magnetic Blow Out 1 NO + 1NC Contacts

**10 A 250V AC 10 A 220V DC1
10 A 30V DC1 5 A 220V DC13**

Contacts

Materials : Standard AgNi
Optional 1 AgNi + Au 0.2 μ
Optional 2 AgNi + Au 5.0 μ
Max. Switching Current 10A
Max. Peak Inrush Current (20 ms) 30A
Max. Switching Voltage 250 VAC
Switching Power range 0.3 VA (W) to 2500 VA
Max. Contact Resistance 20m Ω
Max. AC Load (Table 1) 2.5 KVA

Coils (Ohms ± @ 20°C)

Pull-in Voltage $\geq 0.8 \times U_n$

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts 2000 VAC
Between adjacent poles 2000 VAC
Between contacts and coil 2500 VAC
Insulation Resistance @ 500VDC Min. 200 MΩ
Isolation, IEC 61810-5 2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC 20+3 ms
Operate / Release & Bounce Time Max. for AC 20+8 ms
Mechanical Life ops. 10 Million AC, 20 Million DC relays
Electrical life at Nominal load $\geq 100,000$ ops.
Operating Frequency at nominal load 1200 / hour
Shock Resistance AK : > 10g
Vibration Resistance 5g 10.....150 Hz
Mounting Direction any
Storage -40°C to +85°C
Ambient Operating Temperature -40°C to +55°C (for AC relay)
Ambient Operating Temperature -40°C to +70°C (for DC relay)
Protection Standard IP 40
Weight app. 80 g

Standard Types

AC : 50Hz (60Hz) : 6, 12, 24, 48, 115, (120), 230, (240)

M = Magnetic Blow Out

P = LED Indicator (standard)

R = RC Circuit across the coil

B = AC / DC Bridge Rectifier (24 or 48 V)

DC : 6, 12, 24, 48, 110, 220

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

R = RC Circuit across the coil

P3-X-PM VAC

P3-X-PRM VAC

P3-X-PRBM VAC

P3-X-PM VDC

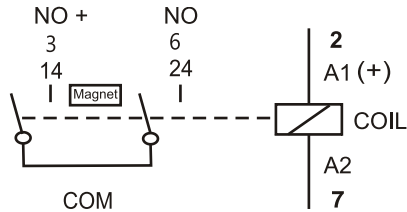
P3-X-PZM VDC

P3-X-PZRM VDC

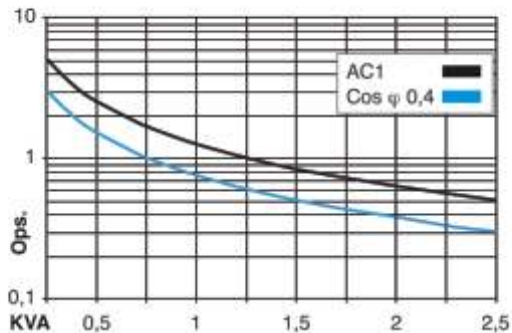
Suitable Sockets: S8D-X, S8LD-X

Approvals

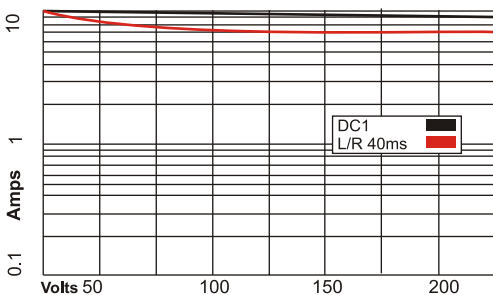




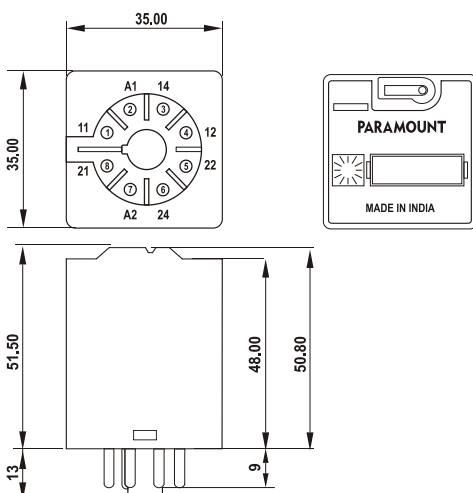
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-Y....M



Magnetic Blow Out 1 NO Double Break

10 A 250V AC1 10 A 220V DC1

10 A 30V DC1 7 A 220V Dc13

Contacts

Materials : Standard	AgNi
Optional 1	AgNi + Au 0.2 μ
Optional 2	AgNi + Au 5.0 μ
Max. Switching Current	10A
Max. Peak Inrush Current (20 ms)	30A
Max. Switching Voltage	250 VAC
Switching Power range	0.3 VA (W) to 2500 VAz
Max. Contact Resistance	20m Ω
Max. AC Load (Table 1)	2.5 KVA

Coils (Ohms ± @ 20°C)

Pull-in Voltage	≤ 0.8 x Un
Drop-out Voltage	< 0.1 x Un

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts	1500 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	15+3 ms
Operate / Release & Bounce Time Max. for AC	16+8 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

Standard Types

AC : 50Hz (60Hz) : 6, 12, 24, 48, 115, (120), 230, (240)

M = Magnetic Blow Out

P = LED Indicator (standard)

R = RC Circuit across the coil

B = AC / DC Bridge Rectifier (24 or 48 V)

P3-Y-PM VAC

P3-Y-PRM VAC

P3-Y-PRBM VAC

DC : 6, 12, 24, 48, 110, 220

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

R = RC Circuit across the coil

P3-Y-PM VDC

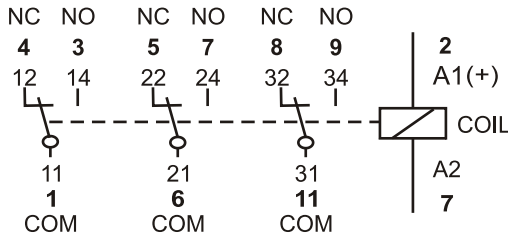
P3-Y-PZM VDC

P3-Y-PZRM VDC

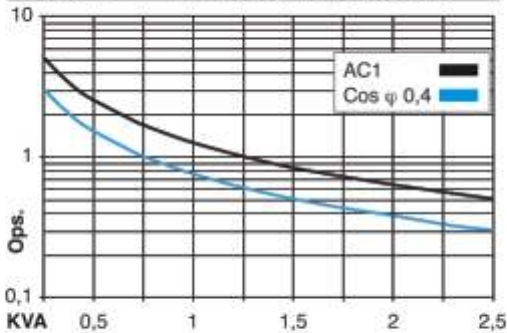
Suitable Sockets: S8D-YA, S8LD-YA

Approvals

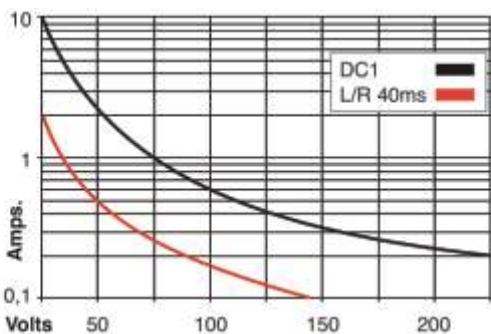




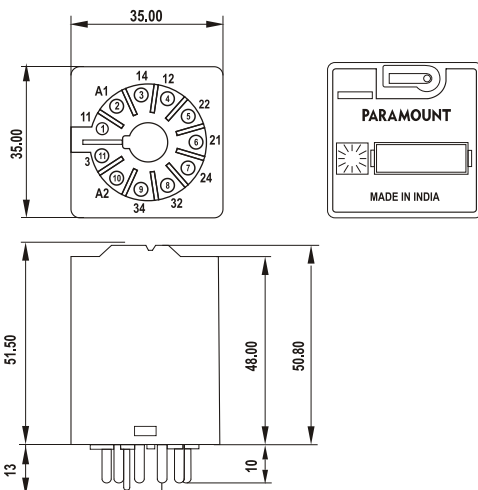
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-3



General Purpose 3 C/O Contacts

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

Contacts

Materials :	Standard	AgNi
	Optional 1	AgNi + Au 0.2 μ
	Optional 2	AgNi + Au 5.0 μ
Max. Switching Current		10A
Max. Peak Inrush Current (20 ms)		30A
Max. Switching Voltage		250 VAC
Switching Power range		0.3 VA (W) to 2500 VAz
Max. Contact Resistance		20m Ω
Max. AC Load (Table 1)		2.5 KVA
Max. DC Load (See Table 2)		-
Coils (Ohms ± @ 20°C)		
Pull-in Voltage		≤ 0.8xUn
Drop-out Voltage		≤ 0.1xUn

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts	1500 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	8+3 / 3.5+8 ms
Operate / Release & Bounce Time Max. for AC	9+8 / 12+16 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

Standard Types

AC : 50Hz (60Hz) : 6, 12, 24, 48, 115, (120), 230, (240)

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

I = Lockable Push Button

R = RC Circuit across the coil

B = Bridge Rectifier

P3-3-FP VAC

P3-3-FPI VAC

P3-3-FPIR VAC

P3-3-FPIRB VAC

DC : 6, 12, 24, 48, 110, 220

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

I = Lockable Push Button

P3-3-FP VDC

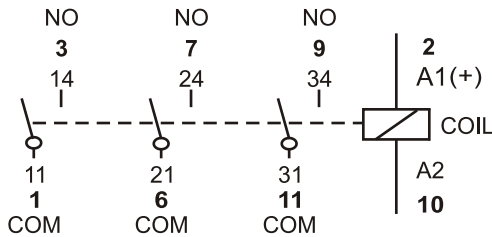
P3-3-FPZ VDC

P3-3-FPZI VDC

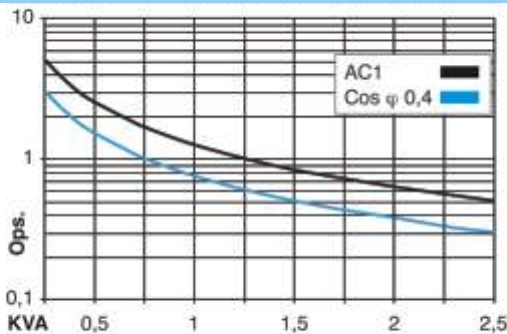
Suitable Sockets: S11D

Approvals

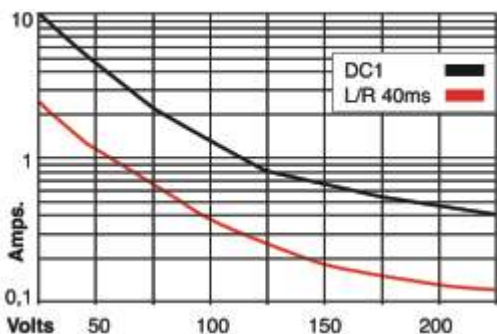




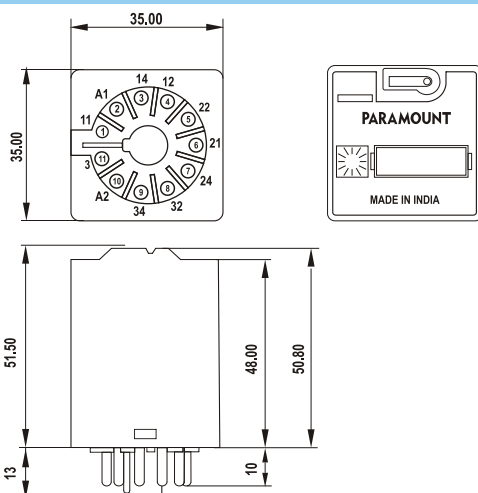
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-3A

General Purpose 3 NO Contacts

10 A 250V AC1 1.2 A 110V DC1
10 A 30V DC1 0.4 A 220V DC1

Contacts

Materials : Standard AgNi
Optional 1 AgNi + Au 0.2 μ
Optional 2 AgNi + Au 5.0 μ
Max. Switching Current 10A
Max. Peak Inrush Current (20 ms) 30A
Max. Switching Voltage 250 VAC
Switching Power range 0.3 VA (W) to 2500 VAz
Max. Contact Resistance 20m Ω
Max. AC Load (Table 1) 2.5 KVA
Max. DC Load (See Table 2) -
Coils (Ohms ± @ 20°C)
Pull-in Voltage $\leq 0.8 \times U_n$
Drop-out Voltage $< 0.1 \times U_n$

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts 2000 VAC
Between adjacent poles 2000 VAC
Between contacts and coil 2500 VAC
Insulation Resistance @ 500VDC Min. 200 MΩ
Isolation, IEC 61810-5 2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC 20+3 ms
Operate / Release & Bounce Time Max. for AC 20+8 ms
Mechanical Life ops. 10 Million AC, 20 Million DC relays
Electrical life at Nominal load $\geq 100,000$ ops.
Operating Frequency at nominal load 1200 / hour
Shock Resistance AK : > 10g
Vibration Resistance 5g 10.....150 Hz
Mounting Direction any
Storage -40°C to +85°C
Ambient Operating Temperature -40°C to +55°C (for AC relay)
Ambient Operating Temperature -40°C to +70°C (for DC relay)
Protection Standard IP 40
Weight app. 80 g

Standard Types

AC : 50Hz (60Hz) : 6, 12, 24, 48, 115, (120), 230, (240)

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

I = Lockable Push Button

R = RC Circuit across the coil

B = Bridge Rectifier

DC : 6, 12, 24, 48, 110, 220

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

I = Lockable Push Button

R = RC Circuit across the coil

P3-3A-FP VAC

P3-3A-FPI VAC

P3-3A-FPIR VAC

P3-3A-FPIRB..... VAC

P3-3A-FP VDC

P3-3A-FPZ VDC

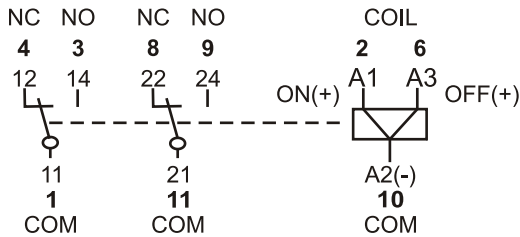
P3-3A-FPZI VDC

P3-3A-FPZIR VDC

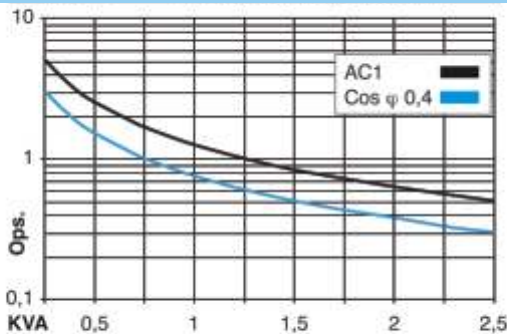
Suitable Sockets: S11D-A

Approvals

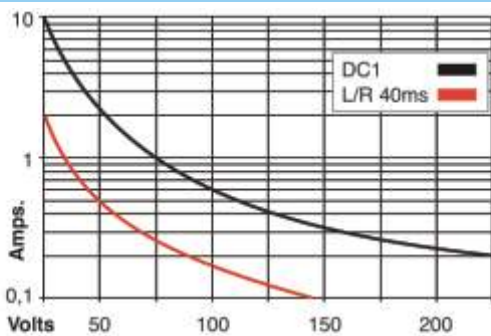




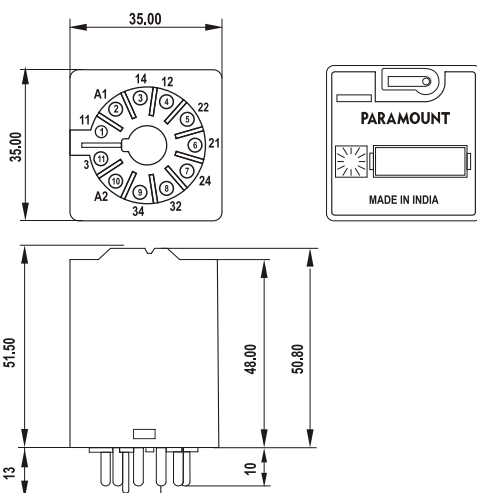
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-2.....L

Magnetically Latching 2C/O Contact

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

Contacts

Materials : Standard	AgNi
Optional 1	AgNi + Au 0.2 μ
Optional 2	AgNi + Au 5.0 μ
Max. Switching Current	10A
Max. Peak Inrush Current (20 ms)	30A
Max. Switching Voltage	250 VAC
Switching Power range	0.3 VA (W) to 2500 VAz
Max. Contact Resistance	20m Ω
Max. AC Load (Table 1)	2.5 KVA
Max. DC Load (See Table 2)	-
Coils (Ohms ± @ 20°C)	
Pull-in Voltage	< 0.8xUn
Drop-out Voltage	≤ 0.1xUn
	-

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

Coil Voltage ON Coil Resistance

12 VDC	90 Ω	104 Ω	≤ 9 VDC
24 VDC	360 Ω	430 Ω	≤ 18 VDC
110 VDC	5000 Ω	3800 Ω	≤ 88 VDC
220 VDC	12500 Ω	19700 Ω	≤ 176 VDC

Insulation

Dielectric Strength (1 minute) : open contacts	1500 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	8+3 / 3.5+8 ms
Operate / Release & Bounce Time Max. for AC	9+8 / 12+16 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

- Note :-**
- 1) The Input ON & OFF Pulse Width Should be Min. 500 Msecs.
 - 2) For Non Standard Coil Voltages. Please Contact Factory
 - 3) Polarity Diode is a Standard Feature

Standard Types

DC : 12, 24, 110, 220

L = Latching Relays

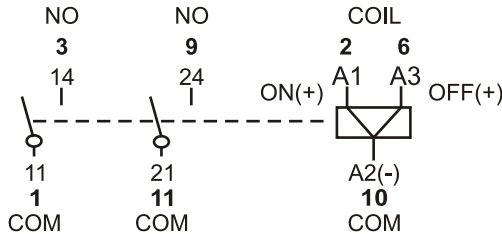
F = Mechanical Flag Indicator

P3-2-FL VDC

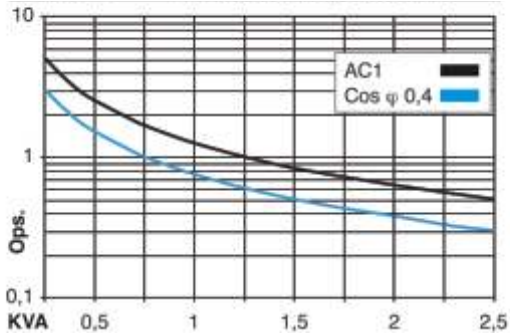
Suitable Sockets: S11D

Approvals

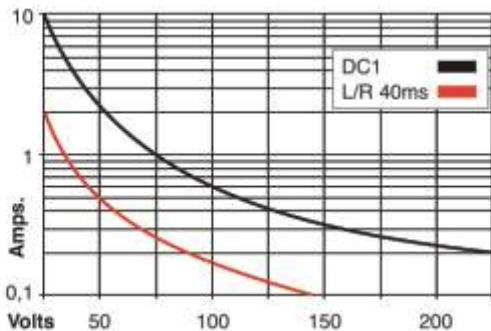




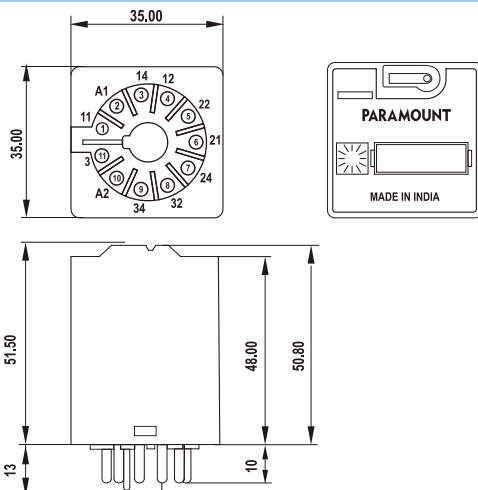
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-2A.....L

Magnetically Latching 2N/O Contact

10 A 250V AC1 0.7 A 110V DC1

10 A 30V DC1 0.4 A 220V DC1

Contacts

Materials :	Standard	AgNi
	Optional 1	AgNi + Au 0.2 μ
	Optional 2	AgNi + Au 5.0 μ
Max. Switching Current		10A
Max. Peak Inrush Current (20 ms)		30A
Max. Switching Voltage		250 VAC
Switching Power range		0.3 VA (W) to 2500 VAz
Max. Contact Resistance		20m Ω
Max. AC Load (Table 1)		2.5 KVA
Max. DC Load (See Table 2)		-
Coils (Ohms ± @ 20°C)		
Pull-in Voltage		≤ 0.8xUn
Drop-out Voltage		≤ 0.1xUn

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

Coil Voltage	ON Coil Resistance	OFF Coil Resistance	Must Switch ON/OFF Voltage
12 VDC	90 Ω	104 Ω	≤ 9 VDC
24 VDC	360 Ω	430 Ω	≤ 18 VDC
110 VDC	5000 Ω	3800 Ω	≤ 88 VDC
220 VDC	12500 Ω	19700 Ω	≤ 176 VDC

Insulation

Dielectric Strength (1 minute) : open contacts	2000 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	> 200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	15+3 ms
Operate / Release & Bounce Time Max. for AC	16+8 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

- Note :-**
- 1) The Input ON & OFF Pulse Width Should be Min. 500 Msecs.
 - 2) For Non Standard Coil Voltages. Please Contact Factory
 - 3) Polarity Diode is a Standard Feature

Standard Types

DC : 12, 24, 110, 220

L = Latching Relays

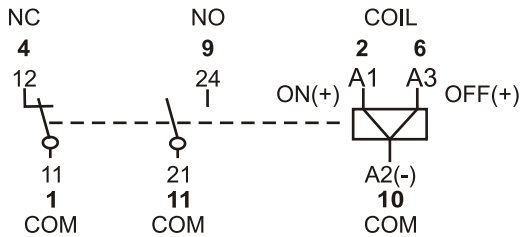
F = Mechanical Flag Indicator

P3-2A-FL VDC

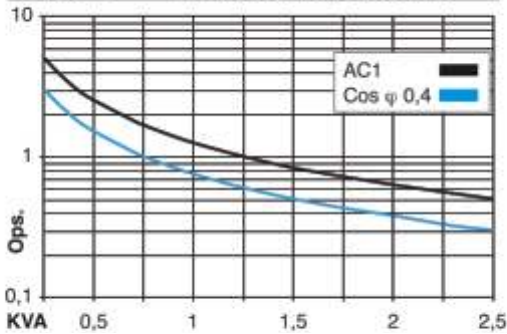
Suitable Sockets: S11D

Approvals

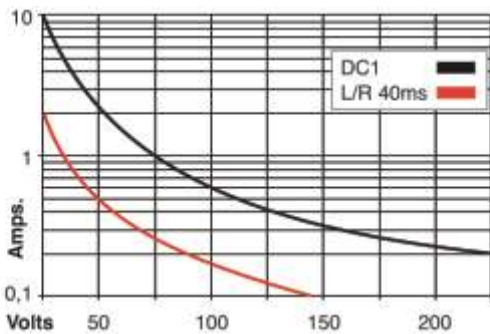




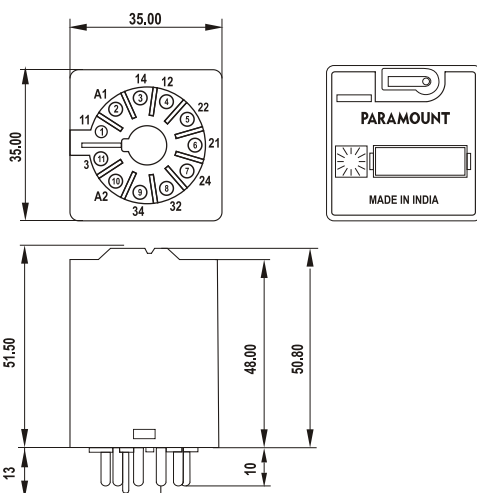
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-X.....L

Magnetically Latching 1NO + 1NC Contact

10 A 250V AC1 0.7 A 110V DC1

10 A 30V DC1 0.4 A 220V Dc1

Contacts

Materials :	Standard	AgNi
	Optional 1	AgNi + Au 0.2 μ
	Optional 2	AgNi + Au 5.0 μ
Max. Switching Current		10A
Max. Peak Inrush Current (20 ms)		30A
Max. Switching Voltage		250 VAC
Switching Power range		0.3 VA (W) to 2500 VAz
Max. Contact Resistance		20m Ω
Max. AC Load (Table 1)		2.5 KVA
Max. DC Load (See Table 2)		-
Coils (Ohms ± @ 20°C)		
Pull-in Voltage		≤ 0.8xUn
Drop-out Voltage		≤ 0.1xUn

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

Coil Voltage	ON Coil Resistance	OFF Coil Resistance	Must Switch ON/OFF Voltage
12 VDC	90 Ω	104 Ω	≤ 9 VDC
24 VDC	360 Ω	430 Ω	≤ 18 VDC
110 VDC	5000 Ω	3800 Ω	≤ 88 VDC
220 VDC	12500 Ω	19700 Ω	≤ 176 VDC

Insulation

Dielectric Strength (1 minute) : open contacts	2000 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	> 200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	15+3 ms
Operate / Release & Bounce Time Max. for AC	16+8 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

- Note :-**
- 1) The Input ON & OFF Pulse Width Should be Min. 500 Msecs.
 - 2) For Non Standard Coil Voltages. Please Contact Factory
 - 3) Polarity Diode is a Standard Feature

Standard Types

DC : 12, 24, 110, 220

L = Latching Relays

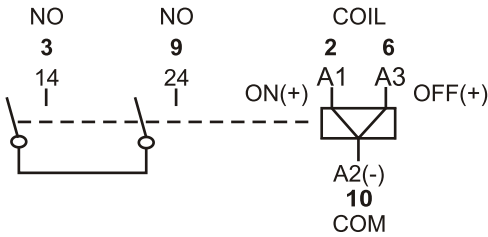
F = Mechanical Flag Indicator

P3-X-FL VDC

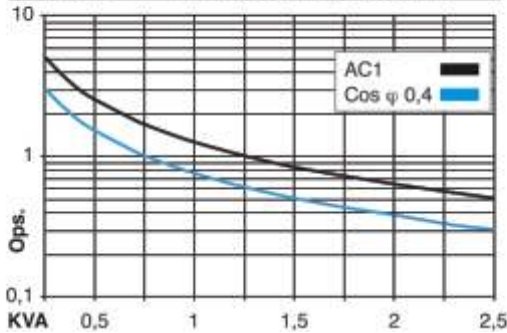
Suitable Sockets: S11D

Approvals

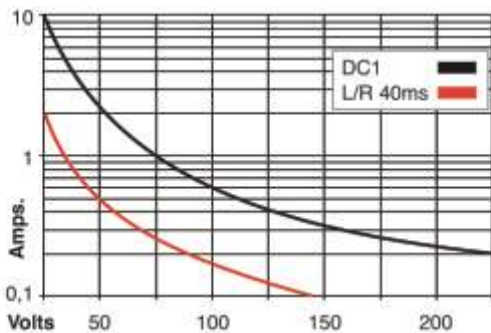




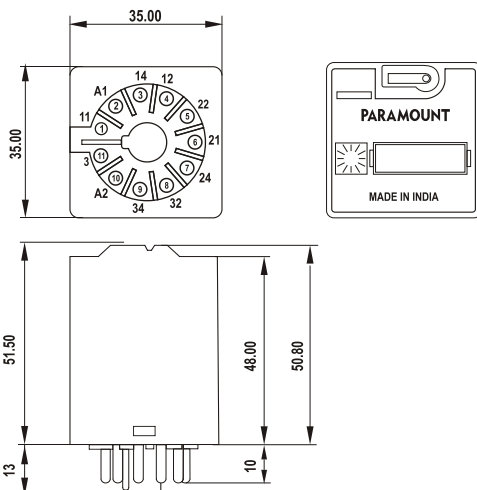
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-Y.....L

Magnetically Latching 1NO Double Break Contact

10 A 250V AC1 7.0 A 110V DC1

10 A 30V DC1 1.2 A 220V DC1

Contacts

Materials :	Standard	AgNi
	Optional 1	AgNi + Au 0.2 μ
	Optional 2	AgNi + Au 5.0 μ
Max. Switching Current		10A
Max. Peak Inrush Current (20 ms)		30A
Max. Switching Voltage		250 VAC
Switching Power range		0.3 VA (W) to 2500 VAz
Max. Contact Resistance		20m Ω
Max. AC Load (Table 1)		2.5 KVA
Max. DC Load (See Table 2)		-
Coils (Ohms ± @ 20°C)		
Pull-in Voltage		≤ 0.8xUn
Drop-out Voltage		≤ 0.1xUn

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

Coil Voltage	ON Coil Resistance	OFF Coil Resistance	Must Switch ON/OFF Voltage
12 VDC	90 Ω	104 Ω	≤ 9 VDC
24 VDC	360 Ω	430 Ω	≤ 18 VDC
110 VDC	5000 Ω	3800 Ω	≤ 88 VDC
220 VDC	12500 Ω	19700 Ω	≤ 176 VDC

Insulation

Dielectric Strength (1 minute) : open contacts	2000 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	> 200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	15+3 ms
Operate / Release & Bounce Time Max. for AC	16+8 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

- Note :-**
- 1) The Input ON & OFF Pulse Width Should be Min. 500 Msecs.
 - 2) For Non Standard Coil Voltages. Please Contact Factory
 - 3) Polarity Diode is a Standard Feature

Standard Types

DC : 12, 24, 110, 220

L = Latching Relays

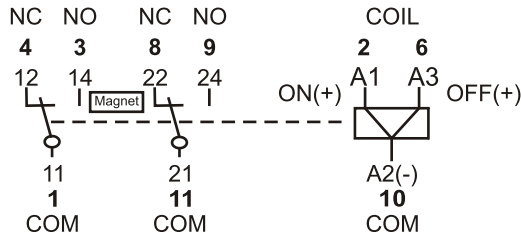
F = Mechanical Flag Indicator

P3-Y-FL VDC

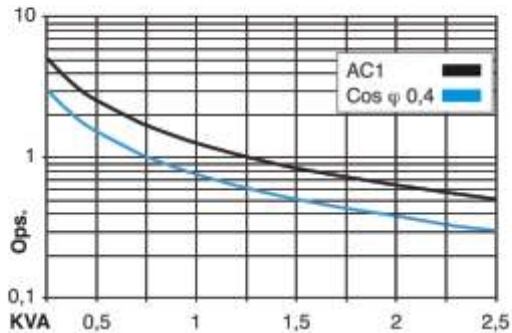
Suitable Sockets : S11D

Approvals

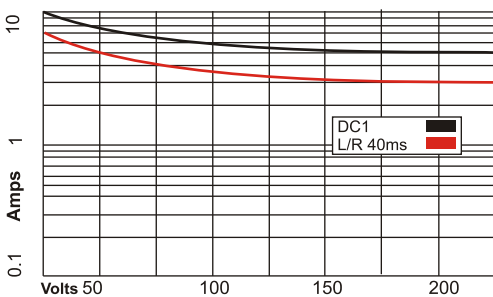




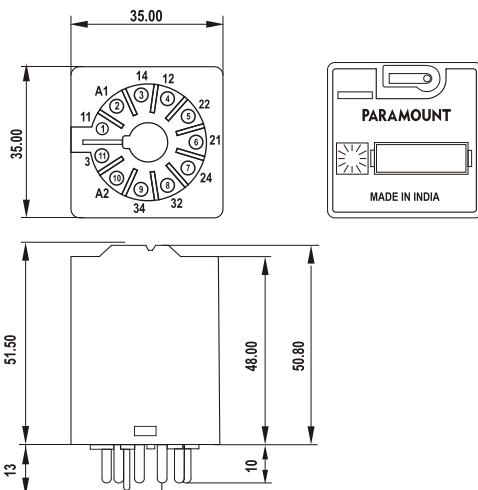
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-2.....LM

Magnetically Latched 2C/O Relay with Magnetic Blow Out

10 A 250V AC1 5 A 220V DC1
10 A 30V DC1 3 A 220V DC13



Contacts

Materials : Standard
Optional 1
Optional 2
Max. Switching Current
Max. Peak Inrush Current (20 ms)
Max. Switching Voltage
Switching Power range
Max. Contact Resistance
Max. AC Load (Table 1)
Max. DC Load (See Table 2)
Coils (Ohms ± @ 20°C)
Pull-in Voltage

AgNi
AgNi + Au 0.2 μ
AgNi + Au 5.0 μ
10A
30A
250 VAC
0.3 VA (W) to 2500 VAz
20m Ω
2.5 KVA
-
≤ 0.8xUn

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

Coil Voltage	ON Coil Resistance	OFF Coil Resistance	Must Switch ON/OFF Voltage
12 VDC	90 Ω	104 Ω	≤ 9 VDC
24 VDC	360 Ω	430 Ω	≤ 18 VDC
110 VDC	5000 Ω	3800 Ω	≤ 88 VDC
220 VDC	12500 Ω	19700 Ω	≤ 176 VDC

Insulation

Dielectric Strength (1 minute) : open contacts
Between adjacent poles
Between contacts and coil
Insulation Resistance @ 500VDC Min.
Isolation, IEC 61810-5

1500 VAC
2000 VAC
2500 VAC
> 200 MΩ
2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC
Operate / Release & Bounce Time Max. for AC
Mechanical Life ops.
Electrical life at Nominal load
Operating Frequency at nominal load
Shock Resistance
Vibration Resistance
Mounting Direction
Storage
Ambient Operating Temperature
Ambient Operating Temperature
Protection Standard
Weight

8+3 / 3.5+8 ms
9+8 / 12+16 ms
10 Million AC, 20 Million DC relays
≥ 100,000 ops.
1200 / hour
AK : > 10g
5g 10.....150 Hz
any
-40°C to +85°C
-40°C to +55°C (for AC relay)
-40°C to +70°C (for DC relay)
IP 40
app. 80 g

- Note :-**
- 1) The Input ON & OFF Pulse Width Should be Min. 500 Msecs.
 - 2) For Non Standard Coil Voltages. Please Contact Factory
 - 3) Polarity Diode is a Standard Feature

Standard Types

DC : 12, 24, 110, 220

M = Magnetic Blow Out

L = Latching Relays

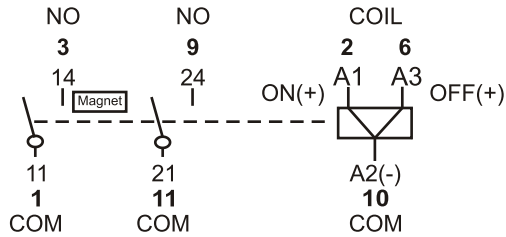
F = Mechanical Flag Indicator

P3-2-F-LM VDC

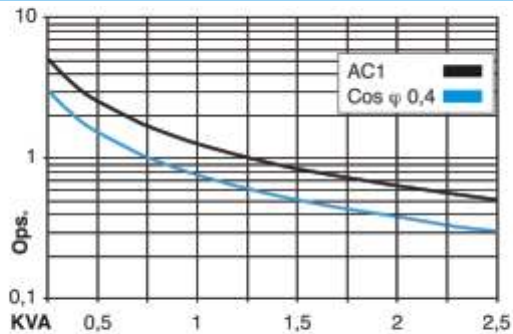
Suitable Sockets : S11D

Approvals

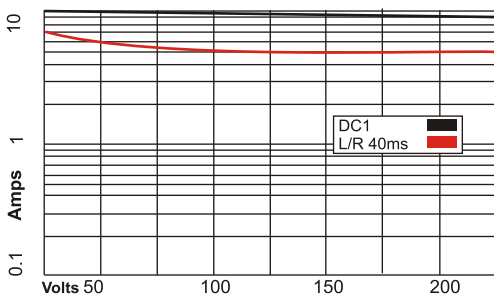




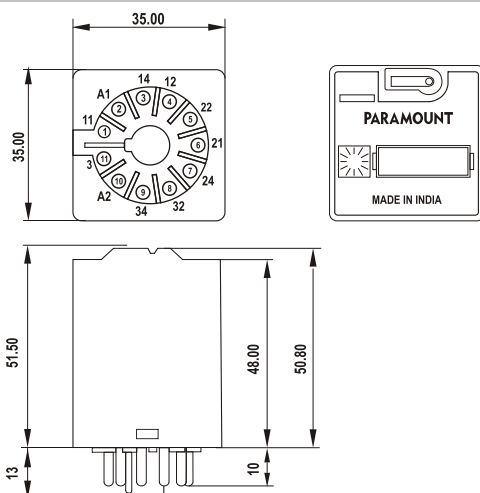
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-2A.....LM

Magnetically Latched 2N/O Relay with Magnetic Blow Out

10 A 250V AC1 10 A 220V DC1
10 A 30V DC1 5 A 220V DC13



Contacts

Materials : Standard	AgNi
Optional 1	AgNi + Au 0.2 μ
Optional 2	AgNi + Au 5.0 μ
Max. Switching Current	10A
Max. Peak Inrush Current (20 ms)	30A
Max. Switching Voltage	250 VAC
Switching Power range	0.3 VA (W) to 2500 VAz
Max. Contact Resistance	20m Ω
Max. AC Load (Table 1)	2.5 KVA
Max. DC Load (See Table 2)	-
Coils (Ohms ± @ 20°C)	
Pull-in Voltage	≤ 0.8xUn
Drop-out Voltage	≤ 0.1xUn

Nominal Coil Power

1.6 VA (AC / 1.3 W (DC)

Coil Voltage	ON Coil Resistance	OFF Coil Resistance	Must Switch ON/OFF Voltage
12 VDC	90 Ω	104 Ω	≤ 9 VDC
24 VDC	360 Ω	430 Ω	≤ 18 VDC
110 VDC	5000 Ω	3800 Ω	≤ 88 VDC
220 VDC	12500 Ω	19700 Ω	≤ 176 VDC

Insulation

Dielectric Strength (1 minute) : open contacts	1500 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	> 200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	15+3 ms
Operate / Release & Bounce Time Max. for AC	16+8 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40

- Note :-**
- 1) The Input ON & OFF Pulse Width Should be Min. 500 Msecs.
 - 2) For Non Standard Coil Voltages. Please Contact Factory
 - 3) Polarity Diode is a Standard Feature

Standard Types

DC : 12, 24, 110, 220

M = Magnetic Blow Out

L = Latching Relays

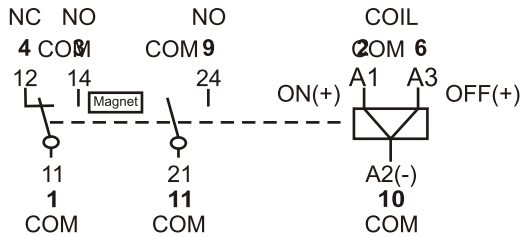
F = Mechanical Flag Indicator

P3-2A-F-LM VDC

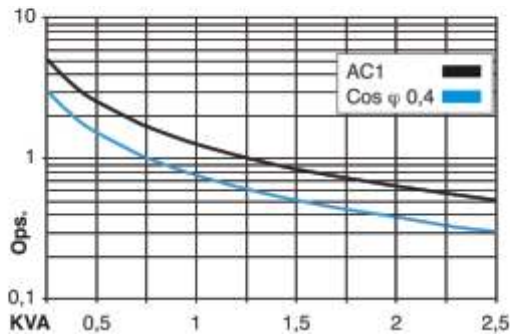
Suitable Sockets : S11D

Approvals

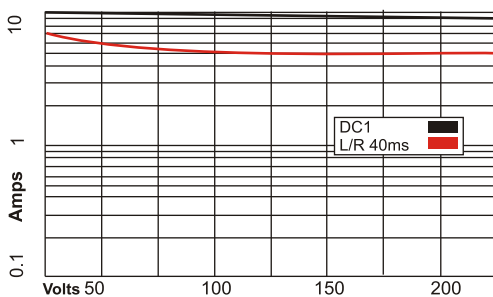




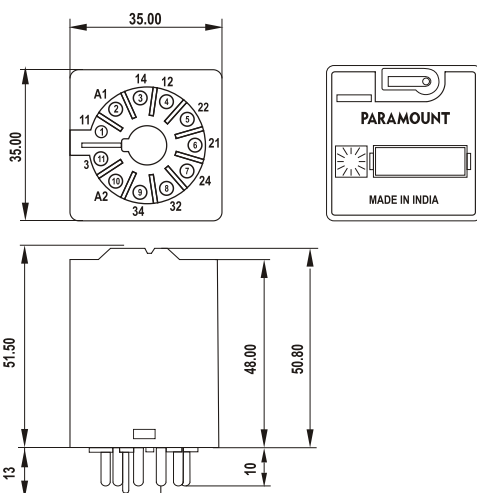
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-X....LM

**Magnetically Latched 1NO+1NC Relay
with Magnetic Blow Out**

**10 A 250V AC1 10 A 220V DC1
10 A 30V DC1 5 A 220V DC13**



Contacts

Materials :	Standard	AgNi
	Optional 1	AgNi + Au 0.2 μ
	Optional 2	AgNi + Au 5.0 μ
Max. Switching Current		10A
Max. Peak Inrush Current (20 ms)		30A
Max. Switching Voltage		250 VAC
Switching Power range		0.3 VA (W) to 2500 VAz
Max. Contact Resistance		20m Ω
Max. AC Load (Table 1)		2.5 KVA
Max. DC Load (See Table 2)		-
Coils (Ohms ± @ 20°C)		
Pull-in Voltage		≤ 0.8xUn

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

Coil Voltage	ON Coil Resistance	OFF Coil Resistance	Must Switch ON/OFF Voltage
12 VDC	90 Ω	104 Ω	≤ 9 VDC
24 VDC	360 Ω	430 Ω	≤ 18 VDC
110 VDC	5000 Ω	3800 Ω	≤ 88 VDC
220 VDC	12500 Ω	19700 Ω	≤ 176 VDC

Insulation

Dielectric Strength (1 minute) : open contacts	1500 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	> 200 MΩ

Specifications

Operate / Release & Bounce Time Max. for DC	15+3 ms
Operate / Release & Bounce Time Max. for AC	16+8 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

- Note :-**
- 1) The Input ON & OFF Pulse Width Should be Min. 500 Msecs.
 - 2) For Non Standard Coil Voltages. Please Contact Factory
 - 3) Polarity Diode is a Standard Feature

Standard Types

DC : 12, 24, 110, 220

M = Magnetic Blow Out

L = Latching Relays

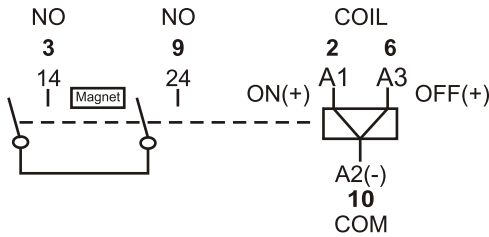
F = Mechanical Flag Indicator

P3-X-F-LM VDC

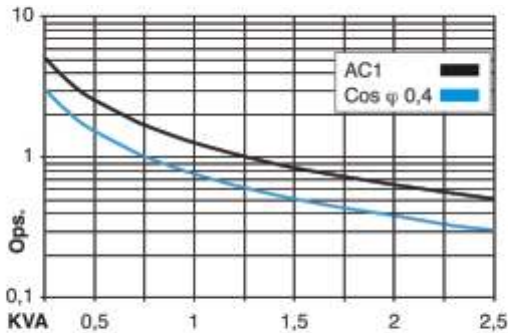
Suitable Sockets : S11D

Approvals

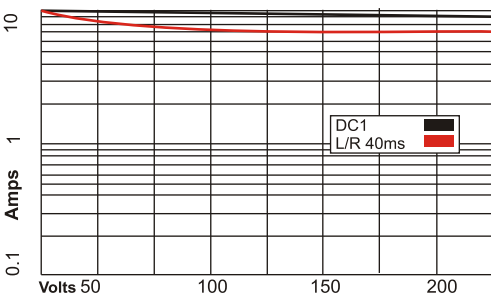




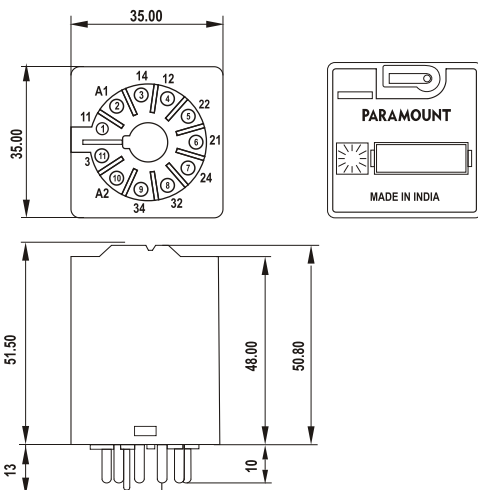
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-Y.....LM

**Magnetically Latched 1NO Double Break
Relay with Magnetic Blow Out**

**10 A 250V AC1 10 A 220V DC1
10 A 30V DC1 7 A 220V DC13**



Contacts

Materials : Standard
AgNi

Optional 1 AgNi + Au 0.2 μ
Optional 2 AgNi + Au 5.0 μ
Max. Switching Current 10A
Max. Peak Inrush Current (20 ms) 30A
Max. Switching Voltage 250 VAC
Switching Power range 0.3 VA (W) to 2500 VAz
Max. Contact Resistance 20m Ω
Max. AC Load (Table 1) 2.5 KVA
Max. DC Load (See Table 2) -

Coils (Ohms ± @ 20°C)

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

Coil Voltage	ON Coil Resistance	OFF Coil Resistance	Must Switch ON/OFF Voltage
12 VDC	90 Ω	104 Ω	≤ 9 VDC
24 VDC	360 Ω	430 Ω	≤ 18 VDC
110 VDC	5000 Ω	3800 Ω	≤ 88 VDC
220 VDC	12500 Ω	19700 Ω	≤ 176 VDC

Insulation

Dielectric Strength (1 minute) : open contacts 2000 VAC
Between adjacent poles 2000 VAC
Between contacts and coil 2500 VAC
Insulation Resistance @ 500VDC Min. > 200 MΩ
Isolation, IEC 61810-5 2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC 15+3 ms
Operate / Release & Bounce Time Max. for AC 16+8 ms
Mechanical Life ops. 10 Million AC, 20 Million DC relays
Electrical life at Nominal load ≥ 100,000 ops.
Operating Frequency at nominal load 1200 / hour
Shock Resistance AK : > 10g
Vibration Resistance 5g 10.....150 Hz
Mounting Direction any
Storage -40°C to +85°C
Ambient Operating Temperature -40°C to +55°C (for AC relay)
Ambient Operating Temperature -40°C to +70°C (for DC relay)
Protection Standard IP 40
Weight app. 80 g

- Note :-**
- 1) The Input ON & OFF Pulse Width Should be Min. 500 Msecs.
 - 2) For Non Standard Coil Voltages. Please Contact Factory
 - 3) Polarity Diode is a Standard Feature

Standard Types

DC : 12, 24, 110, 220

M = Magnetic Blow Out

L = Latching Relays

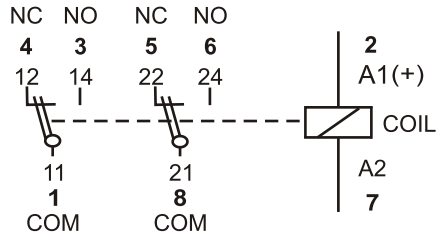
F = Mechanical Flag Indicator

P3-Y-F-LM VDC

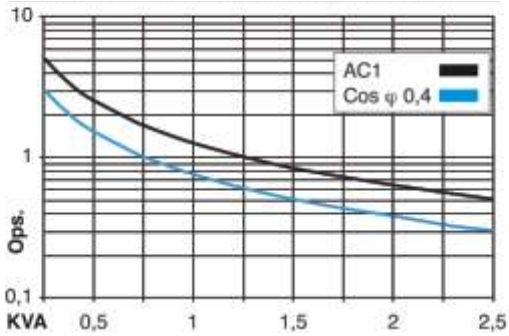
Suitable Sockets : S11D

Approvals

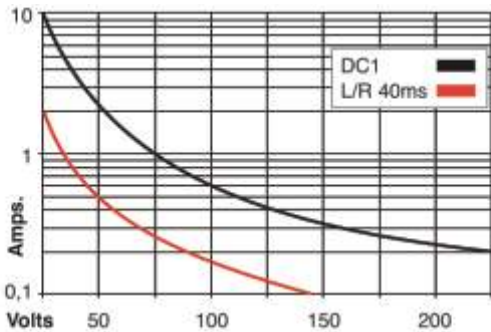




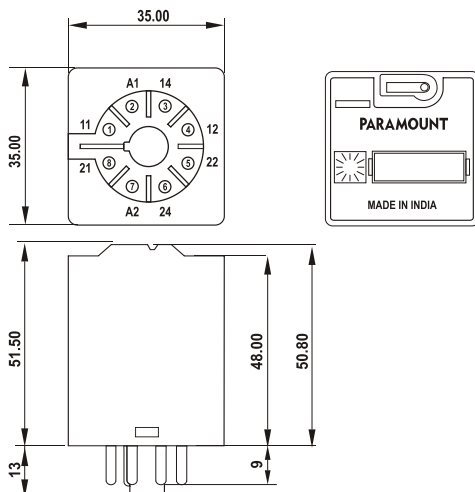
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-2T



2C/O Bifurcated Contacts

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

Contacts

Materials : Standard AgNi
Optional 1 AgNi + Au 0.2 μ
Optional 2 AgNi + Au 5.0 μ
Max. Switching Current 10A
Max. Peak Inrush Current (20 ms) 30A
Max. Switching Voltage 250 VAC
Switching Power range 0.3 VA (W) to 2500 VAz
Max. Contact Resistance 20m Ω
Max. AC Load (Table 1) 2.5 KVA
Max. DC Load (See Table 2) -
Coils (Ohms ± @ 20°C)
Pull-in Voltage ≤ 0.8xUn
Drop-out Voltage ≤ 0.1xUn

Nominal Coil Power		1.6 VA (AC / 1.3 W (DC)	
VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	116
24	52	24	480
46	240	46	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts 1500 VAC
Between adjacent poles 2000 VAC
Between contacts and coil 2500 VAC
Insulation Resistance @ 500VDC Min. 200 MΩ
Isolation, IEC 61810-5 2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC 8+3 / 3.5+8 ms
Operate / Release & Bounce Time Max. for AC 9+8 / 12+16 ms
Mechanical Life ops. 10 Million AC, 20 Million DC relays
Electrical life at Nominal load ≥ 100,000 ops.
Operating Frequency at nominal load 1200 / hour
Shock Resistance AK : > 10g
Vibration Resistance 5g 10.....150 Hz
Mounting Direction any
Storage -40°C to +85°C
Ambient Operating Temperature -40°C to +55°C (for AC relay)
Ambient Operating Temperature -40°C to +70°C (for DC relay)

Standard Types

AC : 50Hz (60Hz) : 24, 48, 115, (120), 230, (240)

T = Twin Contact

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

I = Lockable Push Button

R = RC Circuit across the coil

B = Bridge Rectifier

P3-2T-FP	.....	VAC
P3-2T-FPI	.....	VAC
P3-2T-FPIR	.....	VAC
P3-2T-FPIRB	.....	VAC

DC : 24, 48, 110, 220

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

I = Lockable Push Button

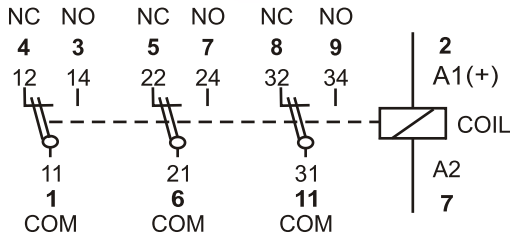
R = RC Circuit across the coil

P3-2T-FP	.....	VDC
P3-2T-FPZ	.....	VDC
P3-2T-FPZI	.....	VDC
P3-2T-FPZIR	.....	VDC

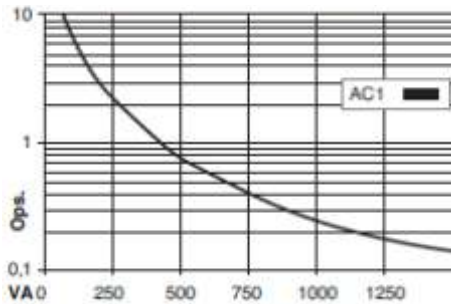
Suitable Sockets : S8D, S8LD

Approvals

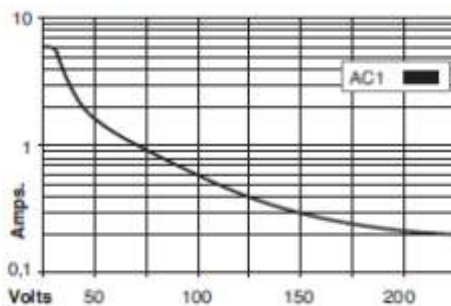




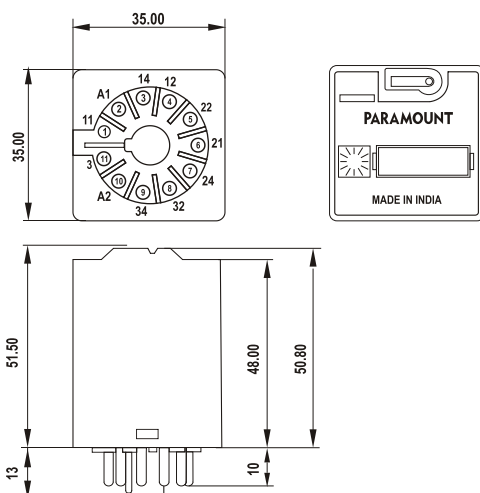
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-3T



3C/O Bifurcated Contacts

6 A 250V AC1 0.1 A 110V DC1

6 A 30V DC1 Min. Contact Load: 1mA 5VDC1

Contacts

Materials :	Standard	AgNi
	Optional 1	AgNi + Au 0.2 μ
	Optional 2	AgNi + Au 5.0 μ
Max. Switching Current		10A
Max. Peak Inrush Current (20 ms)		30A
Max. Switching Voltage		250 VAC
Switching Power range		0.05 VA (W) to 2500 VAz
Max. Contact Resistance		20m Ω
Max. AC Load (Table 1)		2.5 KVA
Max. DC Load (See Table 2)		-
Coils (Ohms ± @ 20°C)		
Pull-in Voltage		≤ 0.8xUn
Drop-out Voltage		≤ 0.1xUn
Nominal Coil Power		1.6 VA (AC / 1.3 W (DC)

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	116
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts	1500 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	8+3 / 3.5+8 ms
Operate / Release & Bounce Time Max. for AC	9+8 / 12+16 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

Standard Types

AC : 50Hz (60Hz) : 24, 48, 115, (120), 230, (240)

T = Twin Contact

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

I = Lockable Push Button

R = RC Circuit across the coil

B = Bridge Rectifier

P3-3T-FP	.....	VAC
P3-3T-FPI	.....	VAC
P3-3T-FPIR	.....	VAC
P3-3T-FPIRB	.....	VAC

DC : 24, 48, 110, 220

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

I = Lockable Push Button

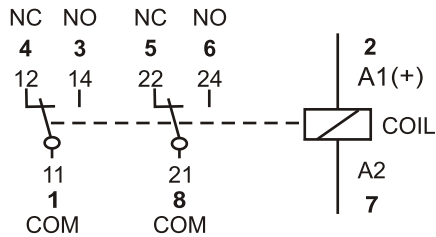
R = RC Circuit across the coil

P3-3T-FP	.....	VDC
P3-3T-FPZ	.....	VDC
P3-3T-FPZI	.....	VDC
P3-3T-FPZIR	.....	VDC

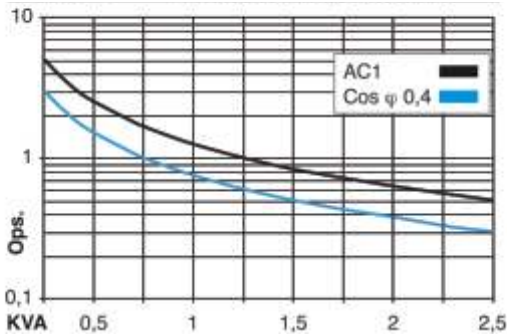
Suitable Sockets : S11D

Approvals

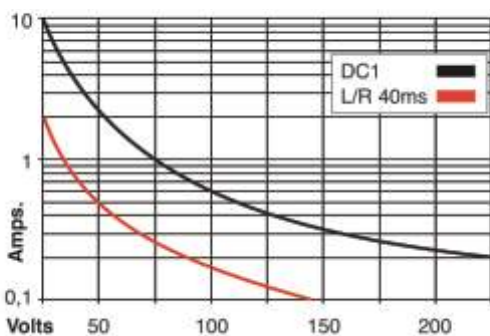




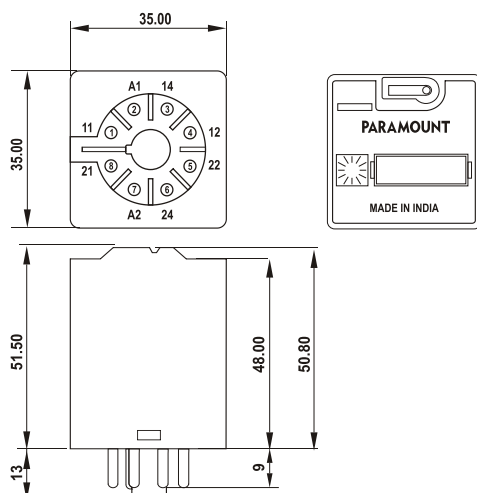
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-2.....H

Long Life Relay 2C/O Contacts

10 A 250V AC1 0.5 A 110VDC1
10 A 30V DC1 0.2 A 220VDC1

Contacts

Materials : Standard AgNi
Optional 1 AgNi + Au 0.2 μ
Optional 2 AgNi + Au 5.0 μ
Max. Switching Current 10A
Max. Peak Inrush Current (20 ms) 30A
Max. Switching Voltage 250 VAC
Switching Power range 0.3 VA (W) to 2500 VAz
Max. Contact Resistance 20m Ω
Max. AC Load (Table 1) 2.5 KVA
Max. DC Load (See Table 2) -
Coils (Ohms ± @ 20°C)
Pull-in Voltage $\leq 0.8 \times U_n$

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts 1500 VAC
Between adjacent poles 2000 VAC
Between contacts and coil 2500 VAC
Insulation Resistance @ 500VDC Min. 200 MΩ
Isolation, IEC 61810-5 2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC 8+3 / 3.5+8 ms
Operate / Release & Bounce Time Max. for AC 9+8 / 12+16 ms
Mechanical Life ops. 10 Million AC, 20 Million DC relays
Electrical life at Nominal load **≥ 700,000 ops.**
Operating Frequency at nominal load 1200 / hour
Shock Resistance AK : > 10g
Vibration Resistance 5g 10.....150 Hz
Mounting Direction any
Storage -40°C to +85°C
Ambient Operating Temperature -40°C to +55°C (for AC relay)
Ambient Operating Temperature -40°C to +70°C (for DC relay)
Protection Standard IP 40
Weight app. 80 g

Standard Types

AC : 50Hz (60Hz) : 24, 48, 115, (120), 230, (240)

H = Long Life Relay

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

I = Lockable Push Button

R = RC Circuit across the coil

B = Bridge Rectifier

DC : 24, 48, 110, 220

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

I = Lockable Push Button

R = RC Circuit across the coil

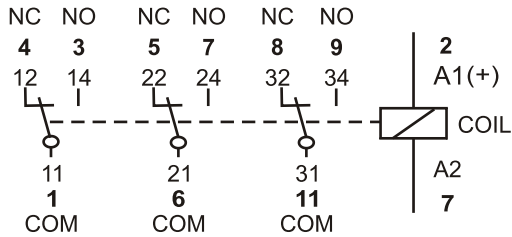
P3-2-FP-H VAC
P3-2-FPI-H VAC
P3-2-FPIR-H VAC
P3-2-FPIRB-H VAC

P3-2-FP-H VDC
P3-2-FPZ-H VDC
P3-2-FPZI-H VDC
P3-2-FPZIR-H VDC

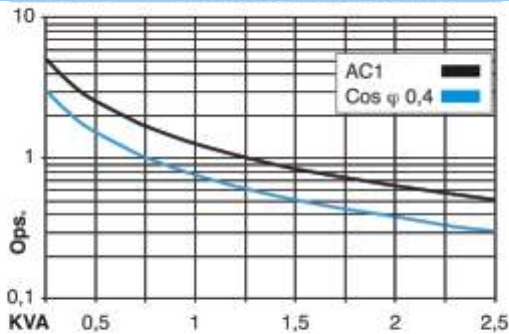
Suitable Sockets : S8D

Approvals

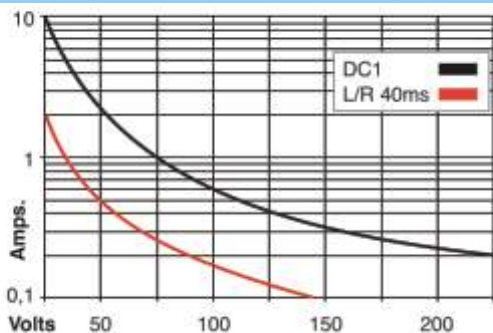




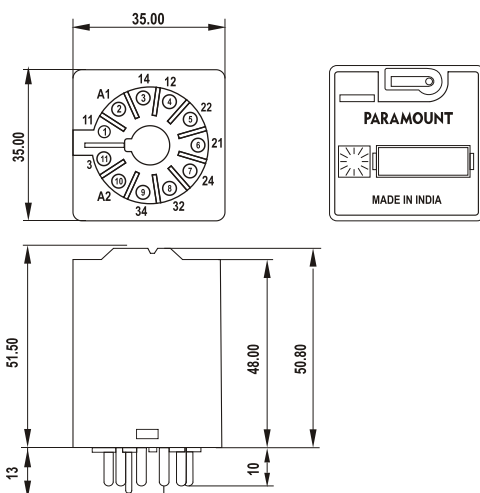
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-3.....H



Long Life Relay 3C/O Contacts

10 A 250V AC1 0.5 A 110VDC1
10 A 30V DC1 0.2 A 220VDC1

Contacts

Materials : Standard AgNi
Optional 1 AgNi + Au 0.2 μ
Optional 2 AgNi + Au 5.0 μ
Max. Switching Current 10A
Max. Peak Inrush Current (20 ms) 30A
Max. Switching Voltage 250 VAC
Switching Power range 03 VA (W) to 2500 VAz
Max. Contact Resistance 20m Ω
Max. AC Load (Table 1) 2.5 KVA
Max. DC Load (See Table 2) -

Coils (Ohms ± @ 20°C)

Pull-in Voltage ≤ 0.8xUn
Drop-out Voltage ≤ 0.1xUn
Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts 1500 VAC
Between adjacent poles 2000 VAC
Between contacts and coil 2500 VAC
Insulation Resistance @ 500VDC Min. 200 MΩ
Isolation, IEC 61810-5 2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC 8+3 / 3.5+8 ms
Operate / Release & Bounce Time Max. for AC 9+8 / 12+16 ms
Mechanical Life ops. 10 Million AC, 20 Million DC relays
Electrical life at Nominal load ≥ 700,000 ops.
Operating Frequency at nominal load 1200 / hour
Shock Resistance AK : > 10g
Vibration Resistance 5g 10.....150 Hz
Mounting Direction any
Storage -40°C to +85°C
Ambient Operating Temperature -40°C to +55°C (for AC relay)
Ambient Operating Temperature -40°C to +70°C (for DC relay)
Protection Standard IP 40
Weight app. 80 g

Standard Types

AC : 50Hz (60Hz) : 24, 48, 115, (120), 230, (240)

H = Long Life Relay

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

I = Lockable Push Button

R = RC Circuit across the coil

B = Bridge Rectifier

P3-3-FP-H	.....	VAC
P3-3-FPI-H	.....	VAC
P3-3-FPIR-H	.....	VAC
P3-3-FPIRB-H	.....	VAC

DC : 24, 48, 110, 220

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

I = Lockable Push Button

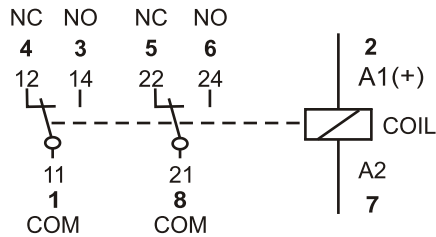
R = RC Circuit across the coil

P3-3-FP-H	.....	VDC
P3-3-FPZ-H	.....	VDC
P3-3-FPZI-H	.....	VDC
P3-3-FPZIR-H	.....	VDC

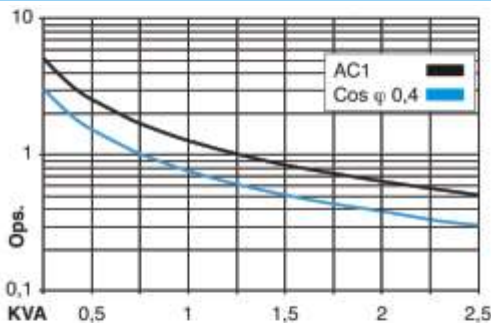
Suitable Sockets : S11D

Approvals

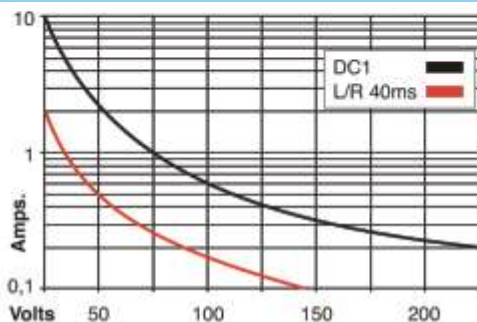




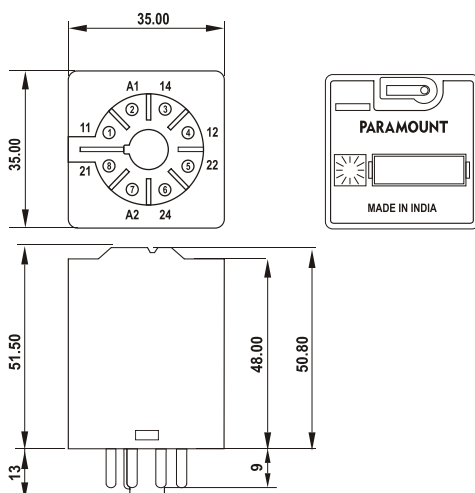
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-2.....E

6 Amps Relays - 2C/O Contacts

10 A 250V AC1 0.5 A 110V DC1

10 A 30V DC1 0.2 A 220V DC1



Contacts

Materials :	Standard	AgNi
	Optional 1	AgNi + Au 0.2 μ
	Optional 2	AgNi + Au 5.0 μ
Max. Switching Current		10A
Max. Peak Inrush Current (20 ms)		30A
Max. Switching Voltage		250 VAC
Switching Power range		0.3 VA (W) to 2500 VA
Max. Contact Resistance		20m Ω
Max. AC Load (Table 1)		2.5 KVA
Max. DC Load (See Table 2)		-
Coils (Ohms ± @ 20°C)		
Pull-in Voltage		≤ 0.8xUn
Drop-out Voltage		≤ 0.1xUn

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts	1500 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	8+3 / 3.5+8 ms
Operate / Release & Bounce Time Max. for AC	9+8 / 12+16 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

Standard Types

AC : 50Hz (60Hz) : 24, 48, 115, (120), 230, (240)

E = 6 Amps Relays

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

I = Lockable Push Button

R = RC Circuit across the coil

B = Bridge Rectifier

DC : 24, 48, 110, 220

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

I = Lockable Push Button

R = RC Circuit across the coil

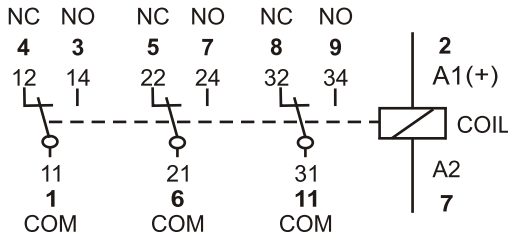
P3-2-P-E	.....	VAC
P3-2-FP-E	.....	VAC
P3-2-FPIR-E	.....	VAC
P3-2-FPIRB-E	.....	VAC

P3-2-P-E	.....	VDC
P3-2-PZ-E	.....	VDC
P3-2-FPZ-E	.....	VDC
P3-2-FPZI-E	.....	VDC

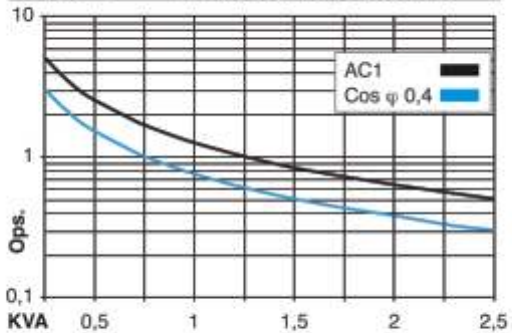
Suitable Sockets : S8D, S8LD

Approvals

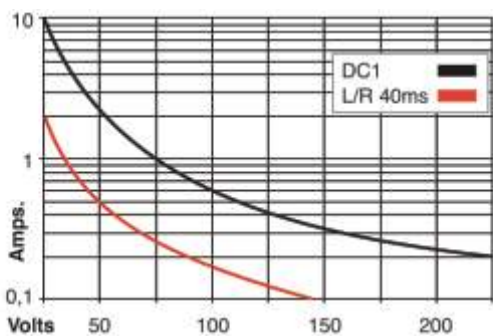




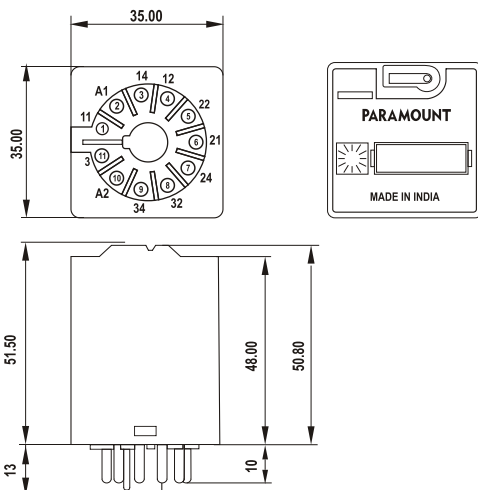
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



P3-3.....E



6 Amps Relays - 3C/O Contacts

10 A 250V AC1 0.5 A 110V DC1

10 A 30V DC1 0.2 A 220V DC1

Contacts

Materials : Standard	AgNi
Optional 1	AgNi + Au 0.2 μ
Optional 2	AgNi + Au 5.0 μ
Max. Switching Current	6A
Max. Peak Inrush Current (20 ms)	30A
Max. Switching Voltage	250 VAC
Switching Power range	0.3 VA (W) to 2500 VAz
Max. Contact Resistance	20m Ω
Max. AC Load (Table 1)	2.5 KVA
Max. DC Load (See Table 2)	-

Coils (Ohms ± @ 20°C)

Pull-in Voltage	≤ 0.8xUn
Drop-out Voltage	≤ 0.1xUn

Nominal Coil Power 1.6 VA (AC / 1.3 W (DC))

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts	1500 VAC
Between adjacent poles	2000 VAC
Between contacts and coil	2500 VAC
Insulation Resistance @ 500VDC Min.	200 MΩ
Isolation, IEC 61810-5	2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC	8+3 / 3.5+8 ms
Operate / Release & Bounce Time Max. for AC	9+8 / 12+16 ms
Mechanical Life ops.	10 Million AC, 20 Million DC relays
Electrical life at Nominal load	≥ 100,000 ops.
Operating Frequency at nominal load	1200 / hour
Shock Resistance	AK : > 10g
Vibration Resistance	5g 10.....150 Hz
Mounting Direction	any
Storage	-40°C to +85°C
Ambient Operating Temperature	-40°C to +55°C (for AC relay)
Ambient Operating Temperature	-40°C to +70°C (for DC relay)
Protection Standard	IP 40
Weight	app. 80 g

Standard Types

AC : 50Hz (60Hz) : 24, 48, 115, (120), 230, (240)

E = 6 Amps Relays

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

I = Lockable Push Button

R = RC Circuit across the coil

B = Bridge Rectifier

P3-3-P-E	.....	VAC
P3-3-FP-E	.....	VAC
P3-3-FPIR-E	.....	VAC
P3-3-FPIRB-E	.....	VAC

DC : 24, 48, 110, 220

F = Mechanical Flag Indicator (standard)

P = LED Indicator (standard)

Z = Polarity & Free Wheeling Diode

I = Lockable Push Button

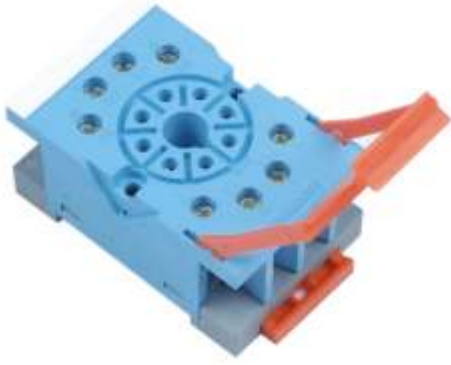
R = RC Circuit across the coil

P3-3-P-E	.....	VDC
P3-3-PZ-E	.....	VDC
P3-3-FPZ-E	.....	VDC
P3-3-FPZI-E	.....	VDC

Suitable Sockets : S11D

Approvals



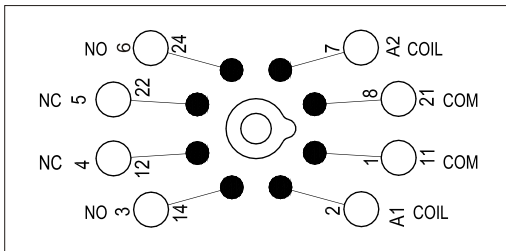


S8D

Only
38 mm
WIDE

**Socket Din Rail or Panel Mountable
for P3 2c/o Relay**

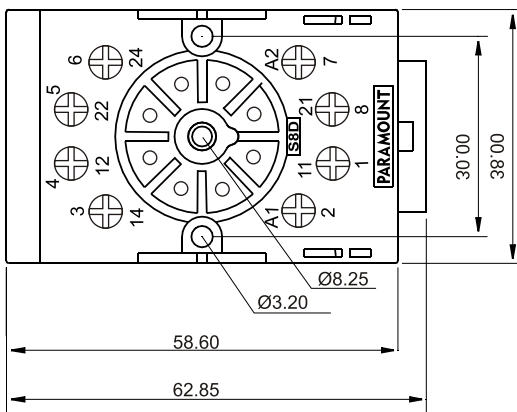
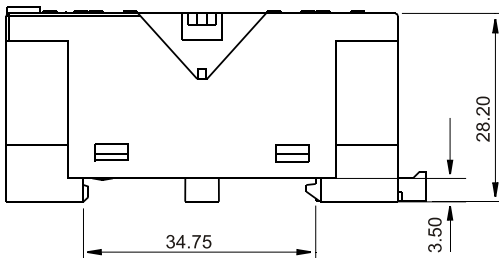
Wiring diagram



Specifications

Poles	2 Change Over Contact (8pins)
Nominal load :	10A / 250V
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	0.5 Nm
Screw dimensions	M3, Pozi
Wire in-lets capacity:	
Solid Wire	4sq mm or 2 x 2.25 mm
Multi core	22 14 AWG
Ferrule tip terminals	4 mm sq
Weight Approx.	47 gms.

Dimensions in mm

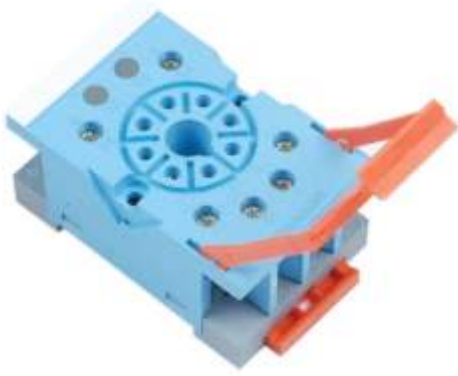


Other Aspects

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

Approvals



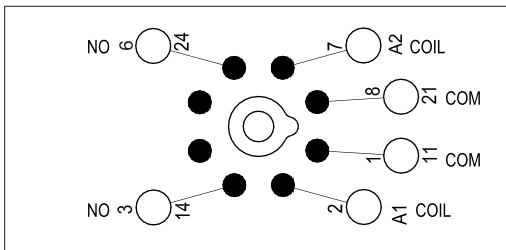


S8D-YA

Only
38 mm
WIDE

**Socket DIN Rail or Panel Mountable
for P3 2N/O & 1NO Double Break Relays**

Wiring diagram



Specifications

Poles 2 N/O & 1NO Double Break Contact (8pins)
Nominal load : 10A / 250V

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 0.5 Nm

Screw dimensions M3, Pozi

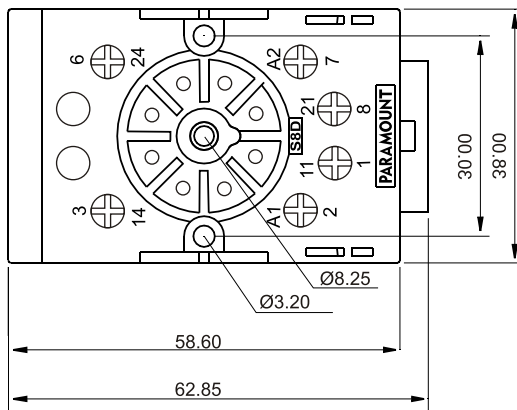
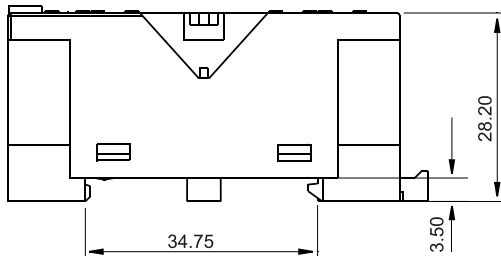
Wire in-lets capacity:

Solid Wire	4sq mm or 2 x 2.25 mm
Multi core	22 14 AWG
Ferrule tip terminals	4 mm sq

Weight Approx. 47 gms.

Dimensions

in mm

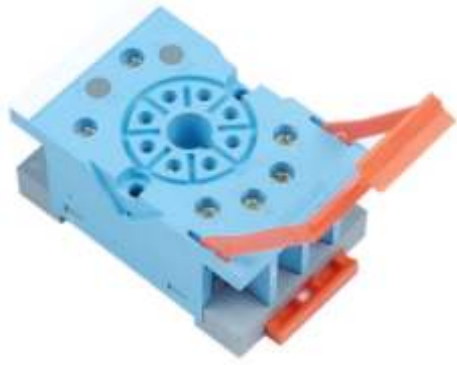


Other Aspects

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

Approvals



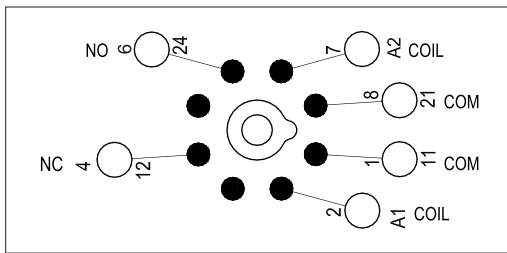


S8D-X

Only
38 mm
WIDE

**Socket DIN Rail or Panel Mountable
for P3 1NO + 1NC Relay**

Wiring diagram

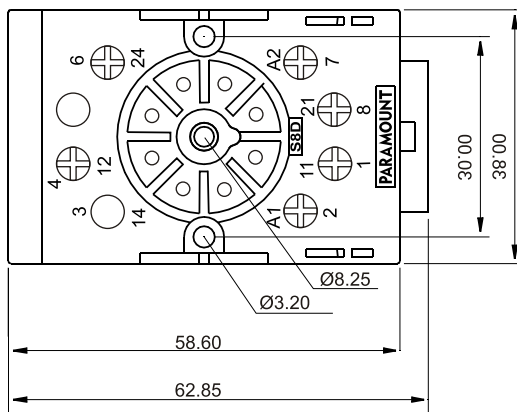
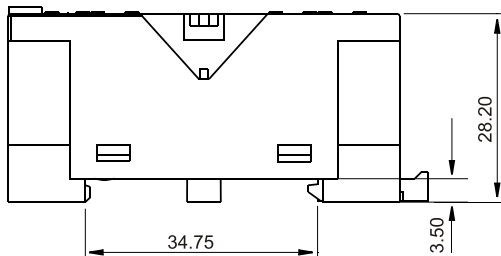


Specifications

Poles	1 NO + 1NC Contact (8pins)
Nominal load :	10A / 250V
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	0.5 Nm
Screw dimensions	M3, Pozi
Wire in-lets capacity:	
Solid Wire	4sq mm or 2 x 2.25 mm
Multi core	22 14 AWG
Ferrule tip terminals	4 mm sq
Weight Approx.	47 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
Hard Brass Tin Plated Terminals
Brass Tin Plated Screws

Approvals



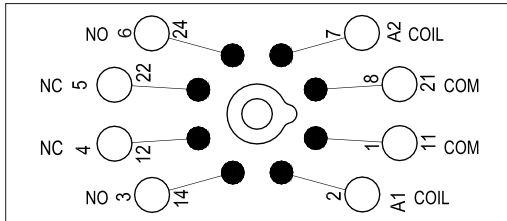


S8LD

Only
38 mm
WIDE

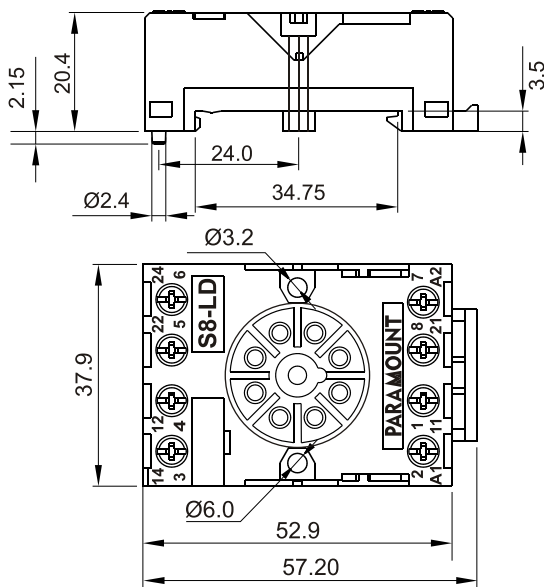
Socket for P3 2c/o Relay
DIN Rail or Panel Mountable

Wiring diagram



Dimensions

in mm



Accessories



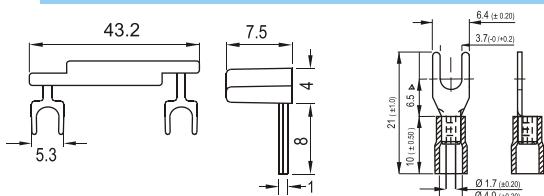
S8LD-B1



C Terminal

Dimensions

in mm.



S8LD-B1
1 Way Bridge for Coil

Fork / C type crimped Terminal
used for wire connection

Specifications

Poles	2 Change Over Contact (8pins)
Nominal load :	10A / 250V
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	0.5 Nm
Screw dimensions	M3, Pozi
Weight Approx.	47 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

S8LD-B1 - 1 Way Bridge

Fork / C - Terminal for wire connection

Approvals



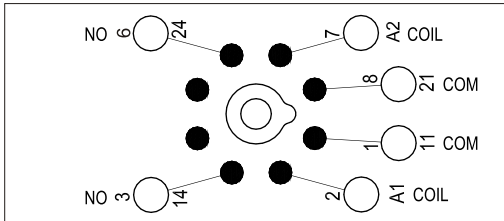


S8LD-YA

Only
38 mm
WIDE

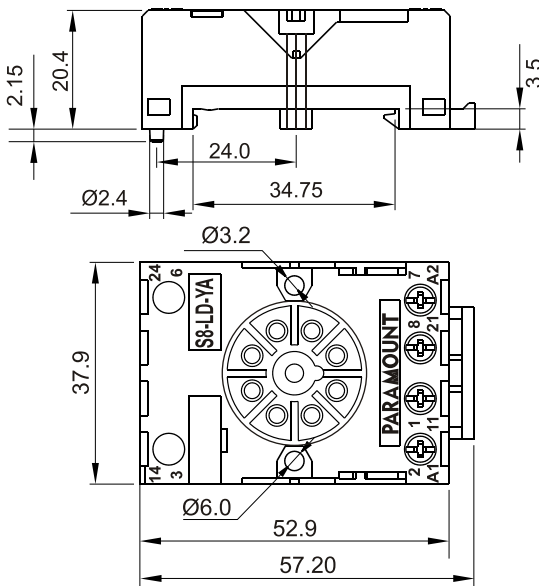
**Socket DIN Rail or Panel Mountable
for P3 2N/O & 1NO Double Break Relays**

Wiring diagram



Dimensions

in mm



Accessories



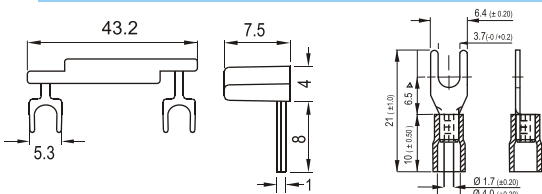
S8LD-B1



C Terminal

Dimensions

in mm.



S8LD-B1
1 Way Bridge for Coil

Fork / C type crimped Terminal
used for wire connection

Specifications

Poles	2 N/O & 1NO Double Break Contact (8pins)
Nominal load :	10A / 250V
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	0.5 Nm
Screw dimensions	M3, Pozi
Weight Approx.	47 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

S8LD-B1 - 1 Way Bridge

Fork / C - Terminal for wire connection

Approvals



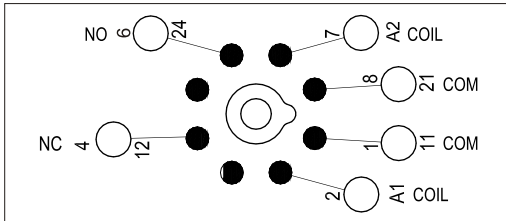


S8LD-X

Only
38 mm
WIDE

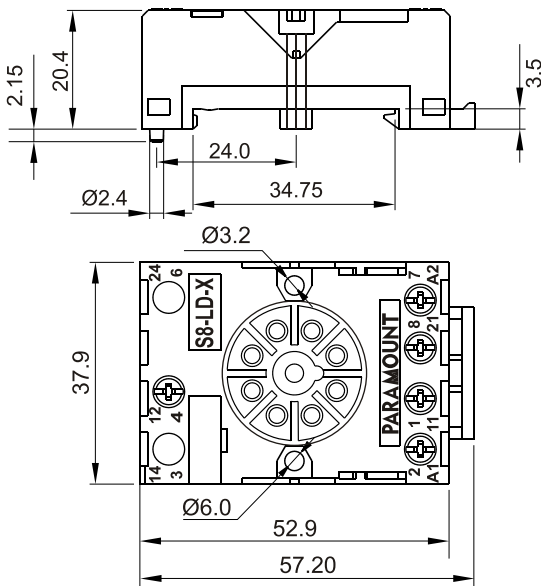
**Socket DIN Rail or Panel Mountable
for P3 1NO + 1NC Relay**

Wiring diagram



Dimensions

in mm



Accessories

Specifications

Poles	1 NO + 1NC Contact (8pins)
Nominal load :	10A / 250V
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	0.5 Nm
Screw dimensions	M3, Pozi
Weight Approx.	47 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

S8LD-B1 - 1 Way Bridge

Fork / C - Terminal for wire connection



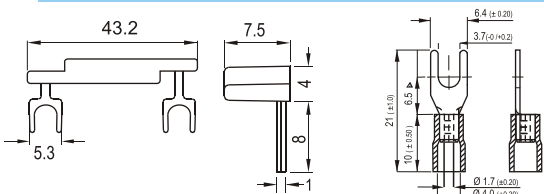
S8LD-B1



C Terminal

Dimensions

in mm.



S8LD-B1
1 Way Bridge for Coil

Fork / C type crimped Terminal
used for wire connection

Approvals



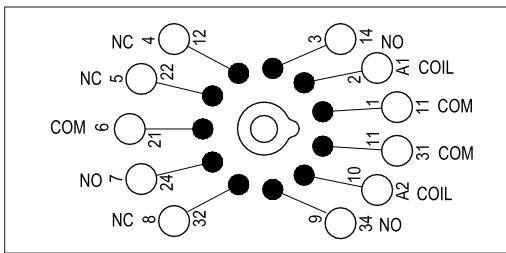


S11D

Only
38 mm
WIDE

Socket for P3 3c/o Relay
DIN Rail or Panel Mountable

Wiring diagram



Specifications

Poles 3 Change Over Contact (11pins)
Nominal load : 10A / 250V

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	0.5 Nm
Screw dimensions	M3, Pozi

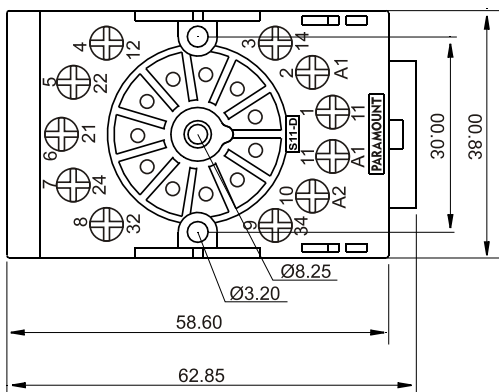
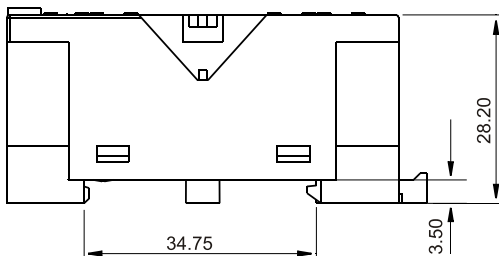
Wire in-lets capacity:

Solid Wire	4sq mm or 2 x 2.25 mm
Multi core	22 14 AWG
Ferrule tip terminals	4 mm sq

Weight Approx.	47 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
Hard Brass Tin Plated Terminals
Brass Tin Plated Screws

Approvals



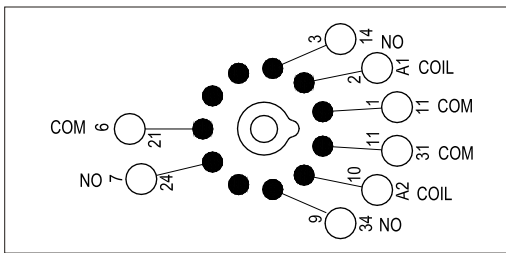


S11D-A

Only
38 mm
WIDE

Socket for P3 3N/O Relay
DIN Rail or Panel Mountable

Wiring diagram



Specifications

Poles 3 Normally Open Contact (11pins)
Nominal load : 10A / 250V

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	0.5 Nm
Screw dimensions	M3, Pozi

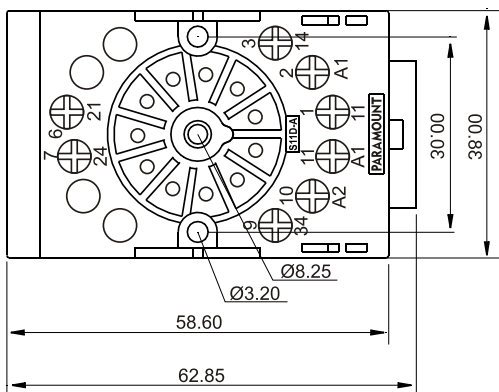
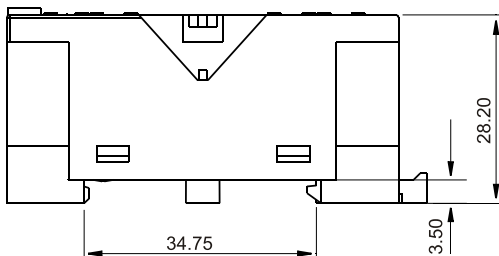
Wire in-lets capacity:

Solid Wire	4sq mm or 2 x 2.25 mm
Multi core	22 14 AWG
Ferrule tip terminals	4 mm sq

Weight Approx.	47 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
Hard Brass Tin Plated Terminals
Brass Tin Plated Screws

Approvals





Paramount Industries

#70, 5th Cross, SSI Area, Rajajinagar,
Bangalore - 560 010, India.

Tel : +91-80-22970010, 22970011, 23150828

Fax : +91-80-23302574, 28520623

Email : info@paramount.net.in

Website : www.paramount.net.in