

PT High cap 2 pole 12A, 4 pole 6A

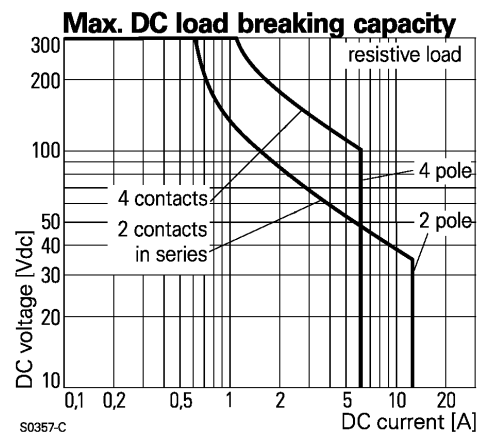


- 2 C/O , 4C/O contacts
- High rated Current 2pole 12A, 4pole 6A
- Relay height 35.2mm
- Cadmium-free contact material
- Fully automated
- Approval  US VDE

This is a General Purpose Relay with faston terminals.

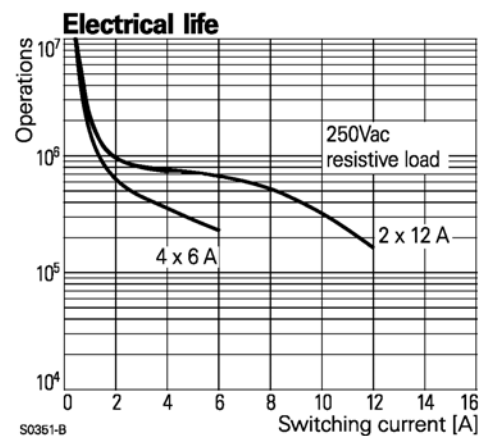
Universal use in control and automation.

Contact Data	PT2	PT5
Configuration	2 C/O	4 C/O
Type of contact	Single contacts	
Rated current	12A	6A
Rated voltage/max. Breaking voltage AC	250VAC	250VAC
Maximum switching voltage	440VAC	250VAC
Maximum breaking capacity AC	3000VA	1500VA
Minimum contact load	24V, 10mA	
Make current	24A	12A
Contact Material	AgNi	



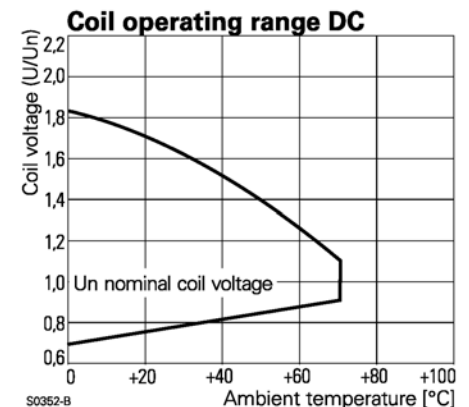
Contact Ratings			
Type	Load	Operations	Standard
PT52A	6A, 250VAC, on the C/O contact	1x10 ⁵	VDE0435

Coil Data		PT2	PT5
Nominal voltage	DC coil	12,24 VDC	12,24 VDC
	AC coil	100,115,200,230 VAC	100,115,200,230 VAC
Nominal coil power	DC coil	Typ.0.75W	Typ.0.75W
	AC coil	Typ.1.0VA	Typ.1.0VA
Operate category	2 / b		
Operating range for AC coil 60Hz at 70°C	90...110% U _{nom}		



Coil Versions, DC coil						
Coil Code	LED	Nominal Voltage VDC	Pull-in Voltage VDC	Release Voltage VDC	Coil Resistance Ohm	Coil Current mA
012	L12	12	9.0	1.2	192±10%	62.5
024	L24	24	18.0	2.4	777±10%	31.3

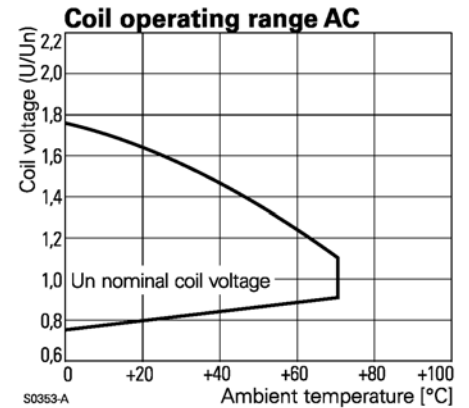
All figures are given for coil without pre-energize, at ambient temperature +20°C



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Coil Versions, AC coil

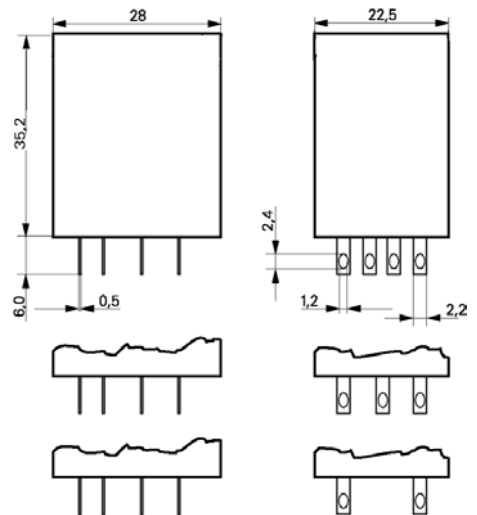
Coil Code	LED	Nominal Voltage VAC	Pull-in Voltage VAC	Release Voltage VAC	Coil Resistance Ohm	Coil Current mA(50Hz)
512	R12	12	9.6	3.6	48±10%	83.3
524	R24	24	19.2	7.2	192±10%	41.6
600	S00	100	80.0	30.0	3550±12%	10.2
615	S15	115	92.0	34.5	4845±10%	8.8
700	T00	200	160.0	60.0	13800±15%	5.0
730	T30	230	184.0	69.0	19465±10%	4.3



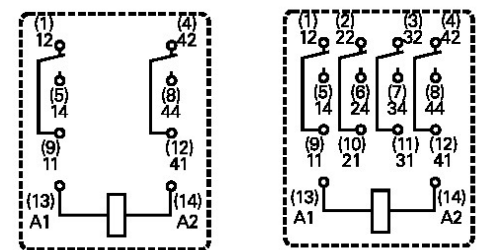
Insulation		PT2	PT5
Dielectric strength	Coil -contacts	2500Vms	2500Vms
	Un-energized position typ.	1500Vms	1500Vms
	Adjacent contact	2500Vms	2000Vms
Clearance / creepage		3/4mm	1.8/3mm
Insulation to IEC 664/VDE 0110 (1/89)			
Voltage rating		240V	240V
Pollution degree		3	2
Over-voltage category		III	III
Insulation to VDE 0110b (2/79)			
Insulation category/ref.volt.		C / 250	B / 250
Tracking resistance of relay base		CTI 175	CTI 175

Other data

Flammability according UL 94		V-0
Ambient temperature	DC-coil	-40...+70°C
	AC-coil	-40...+70°C
Mechanical life	DC-coil	>30x10 ⁶ ops.
	AC-coil	>20x10 ⁶ ops.
Max. Switching rate at rate-/minimum load		6min ⁻¹ /600min ⁻¹
Operate-/release time		15/10ms
Bounce time		5ms
Vibration resistance N/O contact N/C contact		>7/4g
Shock resistance (function) N/O contact N/C contact		>20/5g
Protection category		RT II
Relay Weight		30g
Packing Unit		10pcs



Outline Dimensions



2 pole

4 pole

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Ordering Key

Type	P	T						
PT type								
Contact configuration	2	2C/O	5	4C/O				
Contact material	2	AgNi90/10						
Version	A	cap 35.2mm plug-in						
Coil	Coil code: please refer to coil versions table, preferred types in bold print							

Other types on request

Tyco Part Number	Description	Coil version	LED
0-1415380-1	PT22A012	12VDC	W/O LED
6-1415380-1	PT22AL12		With LED
1-1415380-1	PT22A024	24VDC	W/O LED
7-1415380-1	PT22AL24		With LED
2-1415380-1	PT22A600	100VAC	W/O LED
8-1415380-1	PT22AS00		With LED
3-1415380-1	PT22A615	115VAC	W/O LED
9-1415380-1	PT22AS15		With LED
4-1415380-1	PT22A700	200VAC	W/O LED
0-1415381-1	PT22AT00		With LED
5-1415380-1	PT22A730	230VAC	W/O LED
1-1415381-1	PT22AT30		With LED
2-1415381-1	PT52A012	12VDC	W/O LED
8-1415381-1	PT52AL12		With LED
3-1415381-1	PT52A024	24VDC	W/O LED
9-1415381-1	PT52AL24		With LED
4-1415381-1	PT52A600	100VAC	W/O LED
0-1415382-1	PT52AS00		With LED
5-1415381-1	PT52A615	115VAC	W/O LED
1-1415382-1	PT52AS15		With LED
6-1415381-1	PT52A700	200VAC	W/O LED
2-1415382-1	PT52AT00		With LED
7-1415381-1	PT52A730	230VAC	W/O LED
3-1415382-1	PT52AT30		With LED