勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
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http://www.100y.com.tw

tyco Electronics

General Purpose Relays

SCHRACK

Slim PCB Relay PCN

- 1 pole 3 A, 1 NO contact
- Only 5 mm wide
- 3 A switching current
- Load range 1 mA up to 3 A
- Sensitive coil 120 mW
- Allows high function-/packing density
- Cadmium-free contacts
- Z type with reinforced insulation
- RoHS compliant (Directive 2002/95/EC) as per product date code 0424

F025B-A

Applications

Centralized and decentralized heating control, extremely narrow interface elements, interface technology, timers, PLC's, I/O modules, I/O-ports

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Coil data

Rated coil voltage range DC coil	DC5...24 VDC
Coil power DC coil	typ 120 mW
Operative range	1

Coil versions, DC-coil

Coil code	Rated voltage VDC	Operate voltage VDC	Release voltage VDC	Coil resistance Ohm	Rated coil power mW
005	5	3.5	0.5	208±10%	120
006	6	4.2	0.6	300±10%	120
009	9	6.3	0.9	675±10%	120
012	12	8.4	1.2	1200±10%	120
024	24	16.8	2.4	4800±10%	120

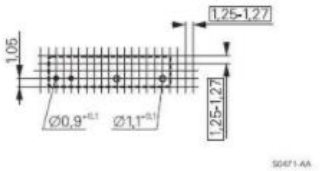
All figures are given for coil without preenergization, at ambient temperature +23°C
Other coil voltages on request

Slim PCB Relay PCN (Continued)

Insulation

Dielectric strength coil-contact circuit	3000 V_{rms}
open contact circuit	750 V_{rms}
Clearance / creepage coil-contact circuit	≥ 3,5 / 3,5 mm
Material group of insulation parts	I
Tracking index of relay base	PTI 600
Insulation to IEC 60664-1	
Type of insulation coil-contact circuit	reinforced
open contact circuit	functional
Rated insulation voltage	277 V
Pollution degree	2
Rated voltage system	277 V
Overvoltage category as basic insulation	III
Overvoltage category as reinforced insulation	II

PCB layout / terminal assignment
Bottom view on solder pins



Product key

P	C	N	1			D	3	M	H	Z

Type
Number of contacts
1 1 pole
Coil
Coil code: please refer to coil versions table
Coil version
D standard 120 mW
Contact material
3 AgNi
Contact configuration
M 1 NO contact
Version
H wash tight
Insulation
Z tracking resistance of relay base PTI 600
Other types on request