OJS POWER MINIATURE PCB 10A / 16A RELAYS

TE Connectivity (TE)'s OJS Power Miniature PCB 10A / 16A Relays are high performance power PCB relays whose size is compatible with the existing TE OJ relay, but the rated current is much higher. The design of these new relays is small in size, compact and saves space on the board for customer designs, along with the high performance 16A contact rating that will simplify the design circuit and make the product more stable. OJS 10A / 16A Power PCB Relay are suitable for lighting controller, power supplies, smart plug, Industrial control and appliance applications.

BENEFITS

- Saves space and meets design requriements
- High contact rating simplifies the design circuit
- Improves stability in the product

FEATURE

- 1 pole 10A / 16A, 1 form A (NO)
- 10A rating with sensitive coil 200mW
- Small size (18.2 x 10.2 x 14.8mm)
- 4000Vrms coil to contact dielectric strength
- Product in accordance with IEC 62368-1

OJS POWER MINIATURE PCB 10A / 16A RELAYS

APPLICATIONS

- Smart plug
- Light control switch
- Power supply for PC or server
- Appliances
- Industrial control

MATERIALS

- Contact material AgSnOInO

MECHANICAL

- DC coil 10x106 ops.

ELECTRICAL

- UL508
- HM, 10A, 250VAC, +85°C 50x103 ops.
- HE, 16A, 250VAC, +85°C 30x103 ops.
- IEC 61810-1
- 8A, 250VAC res, +23°C 100x103 ops.

STANDARD

- TUV R50497672 (in accordance with IEC62368-1 for power supply application)
- UL E82292
- CQC21002289617

PART NUMBER LIST

Product description	Rating	Enclosure	Coil voltage	Coil power	Insulation	Part number
OJS-SH-105HMF, 00000	10A	Wash tight	5VDC	200mW	Class F	2071556-9
OJS-SH-112HMF, 00000			12VDC			2071556-7
OJS-SH-124HMF, 00000			24VDC			2071556-8
OJS-SS-105HMF, 00000		Flux proof	5VDC			2071556-6
OJS-SS-112HMF, 00000			12VDC			2071556-4
OJS-SS-124HMF, 00000			24VDC			2071556-5
OJS-SH-105HEF, 00000	16A	Wash tight	5VDC	450mW		1-2071556-2
OJS-SH-112HEF, 00000			12VDC			2071556-3
OJS-SH-124HEF, 00000			24VDC			1-2071556-0
OJS-SS-105HEF, 00000		Flux proof	5VDC			1-2071556-1
OJS-SS-112HEF, 00000			12VDC			2071556-1
OJS-SS-124HEF, 00000			24VDC			2071556-2

05/21   AK