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LOC
IF

DIST
—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
B2		REVISED PER ECO-13-015855	11OCT2013	KH	RH

1

4

3

2

5

6

SW. Funct.

Model No.

Rating

ON

OFF

ON

ALCO

AWTP1504

20A AC 125V

20A AC 250V

20A DC 30V

0610

Date Code

17.5±1

6.5±0.5

35.5±1

23±0.5

12.5

M12x1

12

15°

15°

Ø6

7

10

8

9

11

6

5

1

4

#250

21MAX

19.5±0.5

33±1

1

2

3

OPERATING TEMPERATURE -20°C to +70°C

OPERATING FORCE MAX 29,4N

ALL MATERIALS AND FINISHES COMPLY WITH ROHS DIRECTIVE

MOUNTING HOLE

Ø12.5

11.5

NUT 8

14

TERMINAL #250

7.9

3.4

Ø1.7

0,8mm thick

6.3

8

Function Chart

Terminals 1 and 2 4 and 5		Terminals 2 and 3 5 and 6
ON	NONE	ON
ON	OFF	ON
ON	NONE	(ON)
(ON)	OFF	(ON)
ON	OFF	(ON)

(ON) : momentary action

OFF : mechanical position without electrical connection

NONE : no mechanical position

Materials Chart

	Case	PM-EG
1	F Contact	Silver alloy + C3602BD
2	Common Contact	C3602BD
3	Terminal	C2680R
4	Frame	SPCC
5	Bushing	Zinc alloy
6	Actuator	C3602BD-F
7	Nut	C3602BD
8	L Washer	SK-5
9	Shaft	SUS
10	Rubber seal	NBR
11	Insert molded rubber	Silcon rubber

Specifications

Rating	Initial Contact Resistance	Insulation Resistance	Dielectric Strenght	Endurance
AC 125V 20A AC 250V 20A DC 30V 20A	MAX 10 milliohms at DC 2~4V 1A	MIN 1000 M Ohms at DC 500V	AC 1,5kV/1 min (AC 1,8kV/1 sec)	Electrically 20.000 cycles at 20 cycles/min (rated load resistive) Mechanically 40.000 cycles at 20 cycles/min

TE CONNECTIVITY PN

Part

7-6437630-2	AWTN1504
3-6437592-9	AWTP1504
5-6437630-0	AWTR1504
1-6437630-1	AWTS1504
1-6437630-0	AWTT1504

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH -

MATERIAL -

TOLERANCES UNLESS OTHERWISE SPECIFIED ACCORDING TO ISO 8015 and ISO 2768-f

DWN
WEIDEN
CHK
—
APVD
—

06.09.2007

PRODUCT SPEC
—
APPLICATION SPEC
—

WEIGHT
—

CUSTOMER DRAWING

TE Connectivity

NAME
POWER TOGGLE SWITCH DOUBLE POLE
PANEL MOUNTING WATERTIGHT

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1968501

RESTRICTED TO
—

SCALE
1:1

SHEET
1 of 1

REV
B2

1968501