

THIS DRAWING IS UNPUBLISHED.

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

B2

REVISED PER ECO-13-015855

11OCT2013

KH

RH

1

4

2

5

3

6

SW. Funct.

Model No.

Rating

ON

OFF

ON

ALCO

AWTP1504

20A AC 125V

20A AC 250V

20A DC 30V

0610

Date Code

Example

0610

Year Month

2006 Oktober

17.5±1

6.5±0.5

35.5±1

23±0.5

12.5

15°

15°

Ø6

M12x1

12

7

10

8

9

11

6

5

1

4

#250

21MAX

19.5±0.5

33±1

1

4

2

5

3

6

SW. Funct.

Model No.

Rating

ON

OFF

ON

ALCO

AWTP1504

20A AC 125V

20A AC 250V

20A DC 30V

0610

Date Code

Example

0610

Year Month

2006 Oktober

Ø12.5

11.5

14

7.9

3.4

Ø1.7

6.3

8

0,8mm thick

Function Chart

1

2

4

5

ON

ON

ON

(ON)

ON

2

3

5

6

NONE

OFF

NONE

OFF

OFF

2

3

5

6

ON

ON

(ON)

(ON)

(ON)

1

2

4

5

(ON)

OFF

NONE

OFF

OFF

2

3

5

6

: momentary action

: mechanical position without electrical connection

: no mechanical position

Materials Chart

1

Case

PM-EG

2

F Contact

Silver alloy + C3602BD

3

Common Contact

C3602BD

4

Terminal

C2680R

5

Frame

SPCC

Ep-Fe/Zn4/CM

6

Bushing

Zinc alloy

EP-Zn/Cu5,Ni10b

7

Actuator

C3602BD-F

Ep-Cu/Ni3

8

Nut

C3602BD

Ep-Cu/Ni3b

9

L Washer

SK-5

Ep-Fe/Ni3b

10

Shaft

SUS

11

Rubber seal

NBR

12

Insert molded rubber

Silcon rubber

Specifications

Rating

Initial Contact Resistance

Insulation Resistance

Dielectric Strenght

Endurance

AC 125V 20A

MAX

MIN

AC 1,5kV/1 min

Electrically 20.000 cycles at 20 cycles/min

AC 250V 20A

10 milliohms at DC 2~4V 1A

1000 M Ohms at DC 500V

AC 1,8kV/1 sec)

(rated load resistive)

DC 30V 20A

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:

MATERIAL

FINISH

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

WEIDEN

06.09.2007

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

POWER TOGGLE SWITCH DOUBLE POLE

PANEL MOUNTING WATERTIGHT

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

C=1968501

SCALE

1:1

SHEET

1 of 1

REV

B2

1

OPERATING TEMPERATURE -20°C to +70°C

2

OPERATING FORCE MAX 29,4N

3

ALL MATERIALS AND FINISHES COMPLY WITH ROHS DIRECTIVE

1968501

1471-9 (3/11)

Mouser Electronics

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