Customer:

ALPS EUROPE DISTRIBUTION
No. SW065125A
Date: 2006-07-20

Attention:
Your ref.No.:
Your Part No.: SPPH110300

## SPECIFICATION

ALPS'
SPPH110300
MODEL

Spec. No. : SPPH-S-501

Samp 1 e No.: F3290251M

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RECEIPT STATUS
RECEIVED
    By Date
```

    Signature
    Name
    Title
    

ALPS ELECTRIC CO., ITD.
K. DSG'D Tomita

APP'D K.ITO
ENG. DEPT. DIVISION

Sales

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| .SPPH-S-501...... |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Itens | Test conditions | Criterion |
| 7.3 | Danp haat | After testine at $40 \pm 2 \mathrm{C}$ and $90 \sim 05 \times 2 \mathrm{P}$ for 98 hours, the evitch shall be allowed to stand under normal teaperature and husidity conditions for 1 hour. end neasurement shall be sade vithin 1 hour after that. later drops shall be resoved. | Contact resistance (Iter 4.1) : 40 n2 HAX <br> Insulation resistance (Itea 4.2) : 10 M2 KIH <br> Voltaga proof (Itea 4.3) : <br> Apply 500 V AC for 1 ainute. <br> Ho diolectric breakdown shall oceur. Operatine force (Ites 5.1) : <br> Ulthin tis \& of specified value. ho abnornalities shall be recosnized In appesrance and construetion. |
| 7.4 | Salt nist | Svitch shall be checked after follonias test. <br> (1) Tenperature : $35 \pm 2 \mathrm{C}$ <br> (2) Salt solution : $5 \pm 18$ (Solids by veicht) <br> (3) Duration : $24 \pm 1 \mathrm{~h}$. <br> After the test, salt doposit shall be renoved in rumains vater. | Ho reasrkable corrosion chall be recornized in metol part. |
| 7.5 | Teaperature cyclins | After 5 cycles of follovine conditions, the suitch shall be alloved to stand under normal tocperature and huaidity conditions for 1 howr. and measureant shall be made within 1 hour after that. Yater drops shall be repoved. | Contact resistancí (Itea 4.1) 40 al HAX <br> Insulation realatance (Iten 4.2) : 10 на HIH <br> Voltage proof (Itea 4.3) : <br> Apply 500 V AC for 1 ainute. <br> Ho dielectric breakdom shall oceur. Operatins force (Item 5.1): <br> Withla 土 $^{18} \mathbf{x}$ of specified value. tio absoraalities shall be recosnized In appearance and construetion. |
| 7.6 | $\begin{aligned} & \hline \text { Dasp heat vith } \\ & \text { lasd } \\ & \text { (Silver nigration) } \end{aligned}$ | DC voltage 1.5 tines as auch as rated voltage ohall be applied cantinuously betveen adjucent terainal at $60 \pm 2 \mathrm{C}$ and $80 \sim 95 \times \mathrm{RH}$. Aftor 500 hours tasting, switch shall be allowed to stand under norsal teaporature and honidity condition for 1 hour, and metaurament shall be made vithin 1 hour after that. Yoter drope shall be removed. | Insulation realstance (50V DC) : $10 \mathrm{H} \Omega \mathrm{m} / \mathrm{s}$. <br> Voltase proof : Apply 100 V AC for 1 sinute. Ho dlelectric breakdow shall oceur. |

Preceution In uso

1. Rote that If the load is applied to the torninals durias soldering they aleht suffer deformation and dofects in olectrical performance.
2. Dise of vatar-soluble solderins flux shall be avoldad because ft way cause corrosion of the svitch.
3. The knob should be mounted or demounted after aingle-lock releabing. If attempted under aingle locked condition, the single-acting mechanism may be damaged.


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