GLOSSARY OF TERMS

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Reses Poin Poin |  |  |  |
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| Ampere: A unto foemencical urrent tow |  |  |  |  |
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| Brask |  |  |  |  |
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|  |  |  |  |  |
|  | Spst: Sngle Poos Singe Thow |  |  |  |
|  | Spori Snote Poide oune Thow |  |  |  |
|  | DPSS: Ooule fous Singe Thow |  |  |  |
|  | Dpor: Ooulie Poie ooube Thow |  |  |  |
| Contact Bunce: Osim |  |  |  |  |
| Connact Cap: The |  |  |  |  |
|  |  |  |  |  |
| Doad. | Then |  |  |  |
|  | Watatione s |  |  |  |
| Diteatrices | Wiping Action: Lateral travel of movable contact over fixed contact while pressure between the two contacts |  |  |  |
|  |  |  |  |  |
|  | IP Rating Chart |  |  |  |
|  | First Numbe | Deffinion | Second Number | Deffinion |
| Dust-Tght Seaees smi | Patamenema |  | Somed |  |
| Electical Life | $\bigcirc$ | Nopatesion | $\bigcirc$ | Nopopection |
|  | 1 |  | 1 | Premede |
| Insulation | 2 |  | 2 |  |
| Leler |  |  | 3 |  |
|  |  |  |  |  |
|  |  | comen |  | ata |
| or opened only when the force is removed. | 5 | Protected against dust - limited ingress (no harmful | 5 | Protected against low pressure jets if water from all directions - limited ingress permitted |
| Non |  |  | - | Protected against strong jets of water e.g. for use on shipdecks - limited ingress |
| Opeatin |  |  |  |  |
|  |  |  |  |  |
|  |  |  | ® |  |

E-Switch Worlowide Headquarters:
Address: 7153 Northland Drive


Catalog Version: DNS1102
DO YOU NEED A SWITCH?

5
E-SWITCH $\square$

## 

Questions to ask when specifying a switch
(1)

(2)
what electrical ratings are needed?
. Is the product $A C$ or $D C$ ?

- Common Voltages or AC: $1225 \mathrm{VAC}, 250 \mathrm{VDC}$

2. How many amperes does the switch need to handle?
Loon Power is in the mililimps

Medium Power is strom 2 amps to 5 amps
High Dower is greater than 6 amps
3. If you're looking at medium to high power what agency approval are needed?

(5)

Knowing the appication that the swith goes into aids us in the ability to look for unique instances where
certain switches will work better than others. Below are examples of industries we sell our swithes to.


SPST - Flashlight: 1 pole for turning the light on or ofit
 DPST - Air Conditioner: 1 pole controls the chiller, 1 pole controls the fan.
DPDT - Hair Dryer: 1 pole controls the heater, 1 pole controls the tan, 1 throw is for low speed, 1 throw - Hair Dryer: 1 pole
is for high speed.

6
THERE ANY ADDItional requirements?
Many products have reauirements that are not initially thought of. Some might make the swith more
aestheically pleasing and others will hel the switch pertorm better under special circumstances. Belo Mesthetically pleasing and others will help the switich perform better under special circumstances. Belo

Momentary or Latching
Ilumination
IUmination
Sealed Protection (IP Rating)
Sealed Protection (IP Rating
Custom cap Options
". Colors
Long Lites Expectancy
wer Rating
 Extreme Temperature Rating
Custom User Requirements
(7)

What is the estimated annual usage (EAU)?
If you are looking for a custom switch, it is important to know an accurate EAU for your project. Once
we know, we are able to determine how feasibl certain customizations are. Since unioue requirement we know, we inu additional tooling charges, knowing in the beginning will help expedite the process.
sometimes inct

CALL NOW!
(800) 867-2717

