



# SOLITRONICS ENGINEERING LTD.

2202, Perfect Industrial Bldg. 31, Tai Yau St. San Po Kong Kowloon Hong Kong

TEL : (852) 2730-8145

FAX : (852) 2730-3245

E-mail : info@solitronics.com

## Ø16mm Key Lock Selectors

Date:

13<sup>th</sup> Nov. 2009

Group:

SE-16D

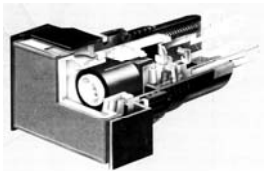
Part Number:

SE-16D-KSXX-X-FX-K-X

Data Sheet:

SE-16D-KS

IEC-60947 GB-14048.5 IP40



18x24mm  
Pictorial Sectional View



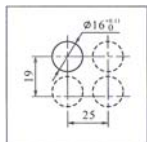
18x24mm  
Form-1



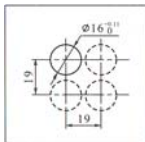
18x18mm  
Form-2



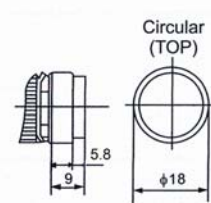
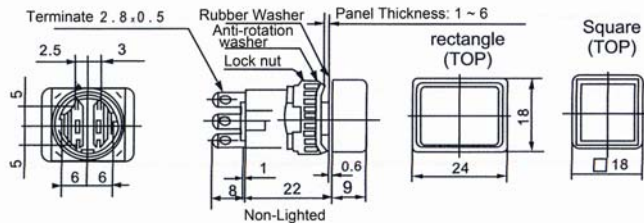
Ø18mm  
Form-3

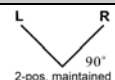
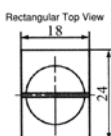
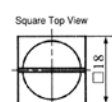
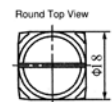
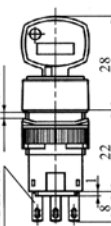
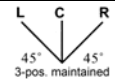
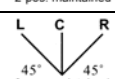


Drilling Plan  
for Form-1



Drilling Plan  
for Form-2&3



| Product                | Style                                                                                                | Working Manner                                                                      | Contact          | Type             | Color   | Key Removable Position                                                                                                                                                                                                                                     | Outline Dimensions (mm)                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 18x24mm<br>Turn Button | <br><b>Form-1</b> |  | 11               | SE-16D-KS11-2-F1 | K=Black | For 2-Position Selector Switch:-<br><br>S=Standard (L+R) =<br>Key withdrawal at both<br>positions.                                                                                                                                                         | <br><br><br><br>Thickness 1~6<br>Connecting Terminal 2.8x0.5 |
|                        |                                                                                                      |                                                                                     | 22               | SE-16D-KS22-2-F1 |         |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                        |                                                                                                      |  | 11               | Not available    |         |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                        |                                                                                                      | 22                                                                                  | SE-16D-KS22-3-F1 |                  |         |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 18x18mm<br>Turn Button | <br><b>Form-2</b> |  | 11               | SE-16D-KS11-2-F2 |         | For 3-Position Selector Switch:-<br><br>a) S=Standard (L+R+C) =<br>Key withdrawal<br>at all positions<br><br>b) C = Key withdrawal<br>at Center Position<br><br><b>Note:</b><br>Key withdrawal at<br>C=Left, C=Center or<br>R=Right on special<br>request. |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                        |                                                                                                      |                                                                                     | 22               | SE-16D-KS22-2-F2 |         |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                        |                                                                                                      |  | 11               | Not Available    |         |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                        |                                                                                                      | 22                                                                                  | SE-16D-KS22-3-F2 |                  |         |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 18mmØ<br>Turn Button   | <br><b>Form-3</b> |  | 11               | SE-16D-KS11-2-F3 |         |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                        |                                                                                                      |                                                                                     | 22               | SE-16D-KS22-2-F3 |         |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                        |                                                                                                      |  | 11               | Not available    |         |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                        |                                                                                                      | 22                                                                                  | SE-16D-KS22-3-F3 |                  |         |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                  |

Ordering Code: SE-16D-KSXX-X-FX-K-X

SE-16D-KS XX - X - FX - K - X

11=1NO+1NC  
22=2NO+2NC

2=Non-Lighted 2-Pos. Maintained  
3=Non-Lighted 3-Pos. Maintained

F1=18x24mm  
F2=18x18mm  
F3=Ø18mm

K=Black

S=All positions  
C=Center

Note:  
3-position Key-Lock  
switches are available  
with 2NO+2NC only

### Technical Parameters

|                           |               |                    |                                   |         |       |       |
|---------------------------|---------------|--------------------|-----------------------------------|---------|-------|-------|
| Environmental Temperature | -25°C ~ +55°C | Electrical Life    | AC-15 = 100x10 <sup>3</sup> Times | Voltage | AC-15 | DC-14 |
| Humidity                  | 45 ~ 85%RH    |                    | DC-13 = 50x10 <sup>3</sup> Times  | 24V     | 2.0A  | 0.7A  |
| Contact Resistance        | ≤ 50mΩ        | Protection Level   | IP40 (IP65 with seal cap)         | 110V    | 1.0A  | 0.2A  |
| Insulation Resistance     | ≥ 100MΩ       | Operational Travel | 1.5 ~ 2.0mm                       | 220V    | 0.5A  | 0.1A  |
| Withstand Voltage         | > 200VAC      |                    |                                   |         |       |       |

Note: Due to continuous development all specifications are subject to change without prior notice. Please confirm all technical & other details at time of ordering.