# $\operatorname{CaK}$ Single \& Double Switch Modules - ESM / DSM 

The single switch module ESM and the double switch module DSM are ready-to-install units, consisting of:

- Switches:

K12 (for both ESM or DSM) K12G (DSM only with two switching-points) PVA1H4 (ESM only)

- PC board
- Rubber cap
- Optional cable or connector

The rubber cap offers the possibility to use both switch modules under severe ambient conditions where dust, water, oil, solvents etc. can effect or destroy the function of standard switches.
With the rubber cap the two modules are sealed to IP 65 when mounted.

## Typical Applications

- Tractors
- Harvesting equipment
- Industrial controls


| Technical Data |  |  |
| :---: | :---: | :---: |
| Cap Material |  | Silicone rubber |
| Protection Level |  | IP 65 (with cap when mounted) |
| Cable |  | FLK/FLY $0.5 \mathrm{~mm}^{2}$ |
| Switches |  | K12 (both ESM or DSM) <br> K12G (DSM only, two |
|  |  | $\begin{array}{ll}  & \begin{array}{l} \text { switching-points) } \\ \text { PVA1H4 } \\ \text { (ESM only) } \end{array} \end{array}$ |
|  | Operating force | Travel (mm/inch) |
| K12 | 5 N | 1 / 0.039 |
| K12G | $3.5 / 7 \mathrm{~N}$ | 1.5 / 0.0591 |
| PVA1H4 | 3 N | 2.2 / 0.087 |



* see drawing overleaf


# $c_{0}$ Single \& Double Switch Modules - ESM / DSM 

ESM single switch with K12

circuit diagram


ESM single switch with PVA1H4

circuit diagram

circuit diagram


DSM double switch module with K12

circuit diagram



Decals:


