

MSG series

Rugged switch guards for switch series 12000 - 3500 - 600H - 6000

Specifications



- ☐ Robust
- ☐ For harsh environments
- ☐ Modern, patented design

SPECIFICATIONS

- APEM SAS patented design
- Operating temperature : -40°C to +85°C
- Storage temperature : -55°C to +85°C
- Salt spray : IEC 60068-2-11, test KA, 96 hours
- Mechanical life : 20.000 cycles

MATERIALS

- Support plate : matt black stainless steel
- Cap : thermoset

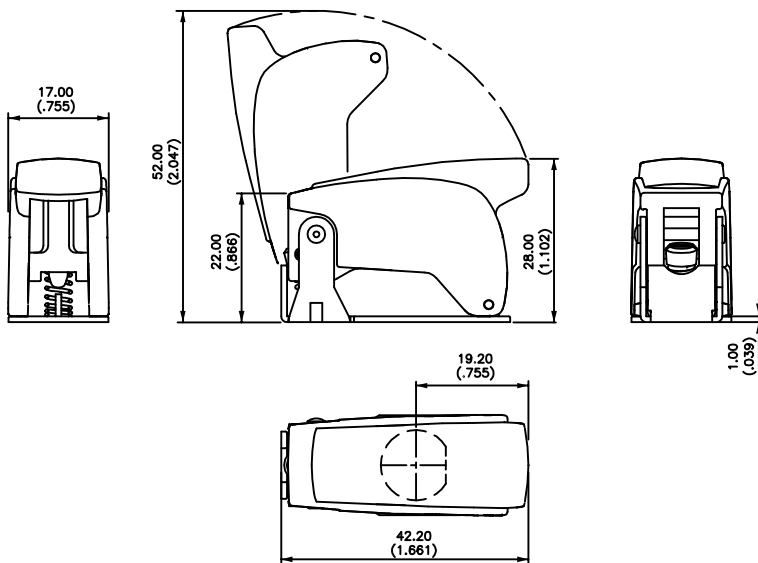
Switch guards are designed to prevent accidental lever operation on switches with $\varnothing 11,9$ (.468) or $\varnothing 12$ (.472) threaded bushing and lever length 17,5 (.688) outside bushing.

When the guard is raised, the lever can be operated freely.

When the guard is fully depressed, the lever is reset/locked in a stable position.

Note : For correct switch operation, the switch guard should be adjusted properly (see "Mounting" on last page)

DIMENSIONS

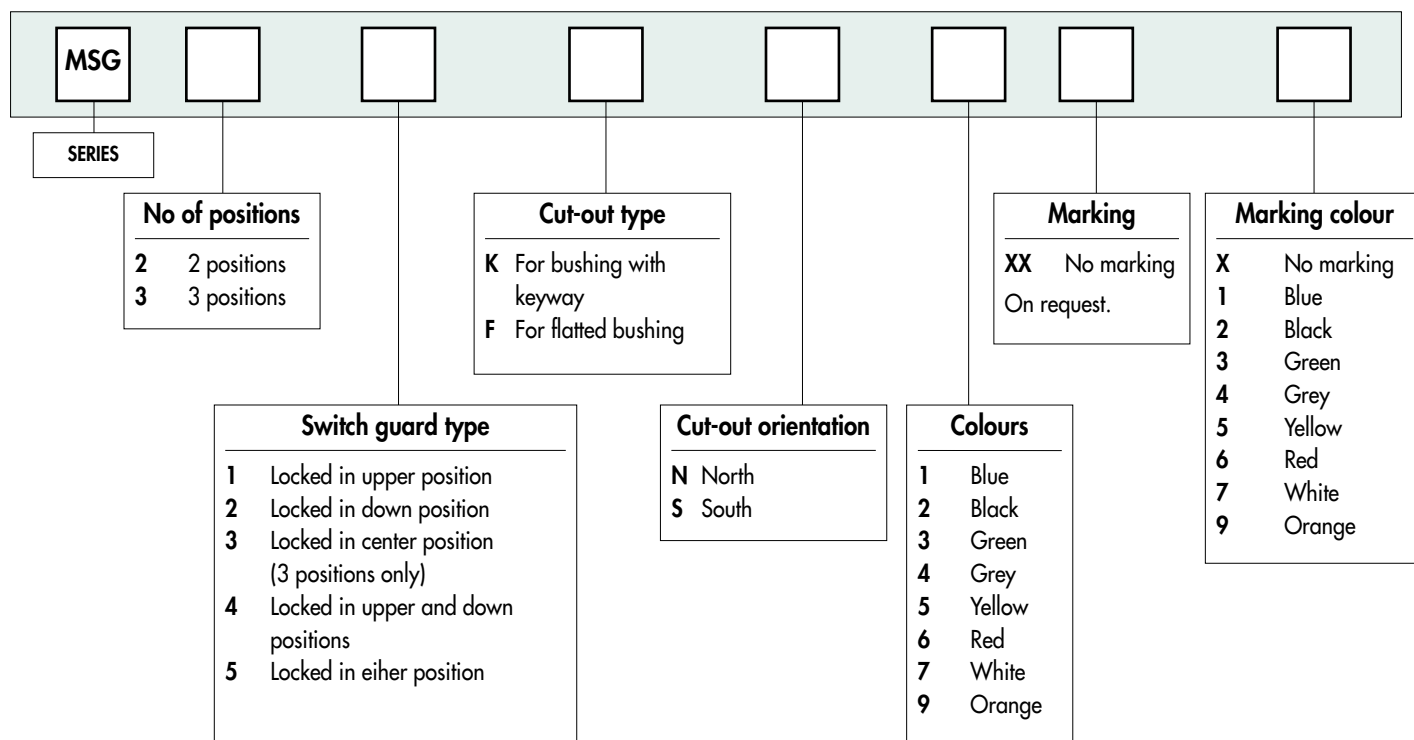


Note : Holes for wiring a seal are standard on all models.

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Overview



Dimensions : first dimensions are in mm while inches are shown as bracketed numbers.



NOTICE : please note that not all combinations of above numbers are available. Refer to the following pages for further information.



Mounting accessories : supplied with the switch or to order separately (see Section I)

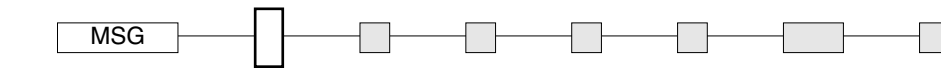


Packaging unit : 40 pieces

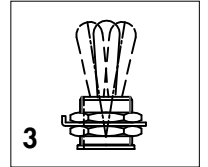
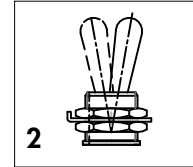
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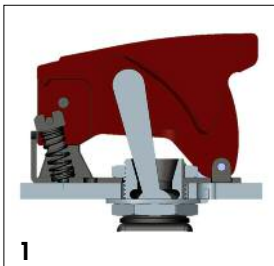
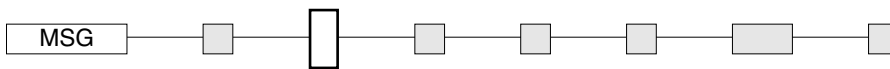
NUMBER OF POSITIONS



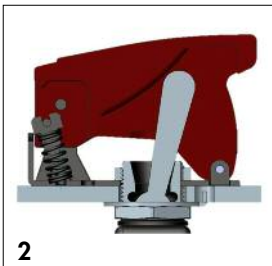
2 2 position
3 3 positions



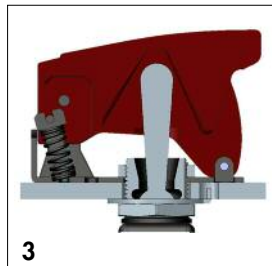
SWITCH GUARD TYPE



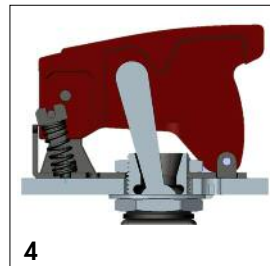
1 Locked in upper position



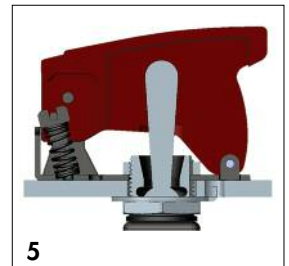
2 Locked in down position



3 Locked in centre position
(3 positions only)

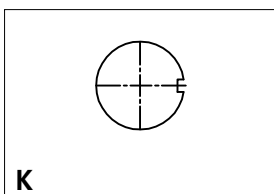


4 Locked in upper and
down positions

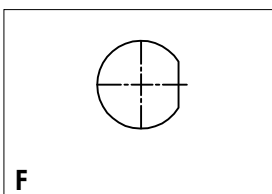


5 Locked in either position

CUT-OUT TYPE

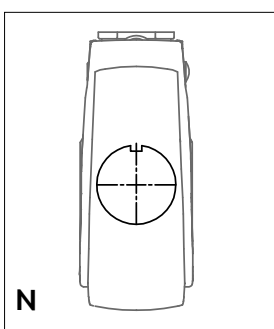
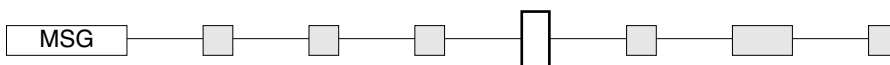


K For bushing with keyway

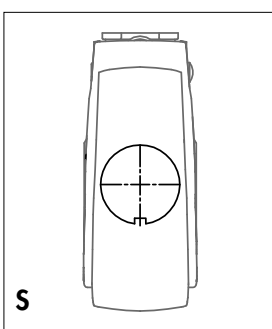


F For flatted bushing

CUT-OUT ORIENTATION



N

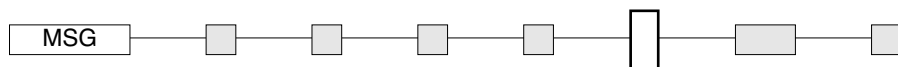


S

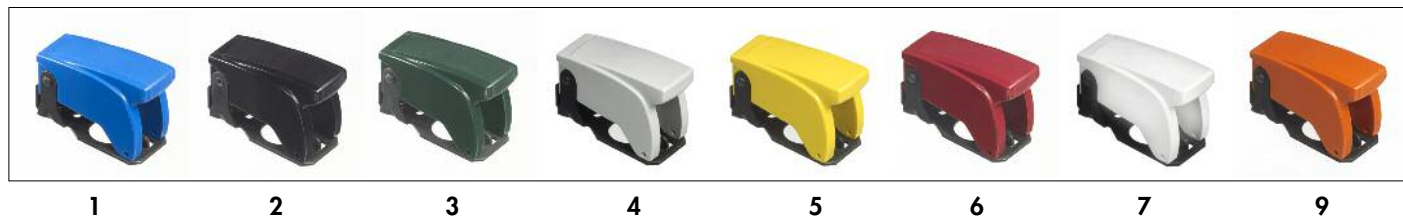
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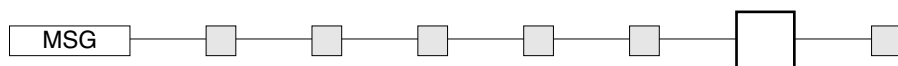
COLOURS



1 : blue - 2 : black - 3 : green - 4 : grey - 5 : yellow - 6 : red - 7 : white - 9 : orange



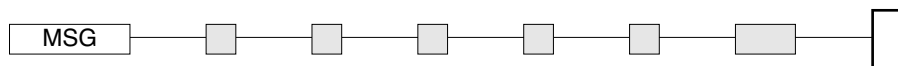
MARKING



XX No marking

On request.

MARKING COLOUR



X No marking

1 : blue - 2 : black - 3 : green - 4 : grey - 5 : yellow - 6 : red - 7 : white - 9 : orange

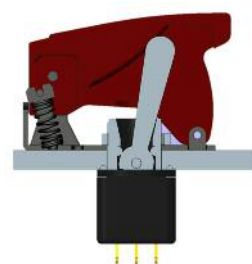
MOUNTING



Standard



With K sealing option



With X408 sealing option

MSG1409R2-A