

Spark switch type FKR:

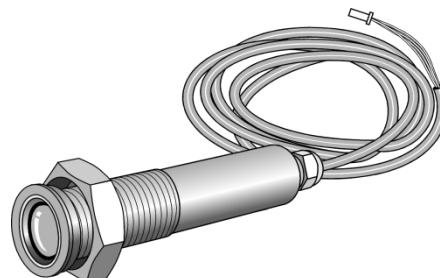
- Includes at least one (FKR 1), maximum two (FKR 2) spark detectors type R-FSK and a terminal box type KK-R.
- Both detectors each have a potential-free contact.
- These detectors are only suitable for installation locations where there is NO ambient light, as they are very sensitive to ambient light.

Spark switch type FLR:

- Includes at least one (FLR 1), maximum two (FLR 2) type R-FSL spark detectors and a type KK-R terminal box.
- Both detectors each have a potential-free contact.
- These detectors are only suitable for installation locations where there is NO ambient light, as they are very sensitive to ambient light.
- The viewing angle is reduced to 60° when using light guides

Spark switch type FTR:

- Includes at least one (FTR 1), maximum two (FTR 2) spark detectors of type R-FST and a terminal box of type KK-R
- Both detectors each have a potential-free contact.
- These detectors are suitable for installation locations where ambient light is present, but where there is no direct sunlight and no reflections from welding or similar.
- The FTR is used in areas where ambient light can occur.
- The FTR detects sparks (glowing particles) even at a lower temperature than the FKR.

**Protection class detector :**

IP 65

Protection class terminal box:

IP 66

Temperature range (R-FSK and R-FST)

-20°C to 60°C

Temperature range (R-FSL):

-20°C to +300°C

Dimensions FKR:

Cylindrical, Ø30 x 123 mm (with screw connection)

Dimensions FTR:

Cylindrical, Ø30 x 140 mm (with screw connection)

Relay switching capacity:

max. 50mA (potential-free)

Power supply:

24V DC (+25% / -15%), max. 25mA (per detector)

Dimensions of terminal box:

130 x 130 x 75mm (without screw connection)

Contact opening time:

5 seconds

Mounting hole:

40mm (fastening with oval nut + hexagon nut)

Detector thread:

M 30

CE marking:

Available

VdS approval:

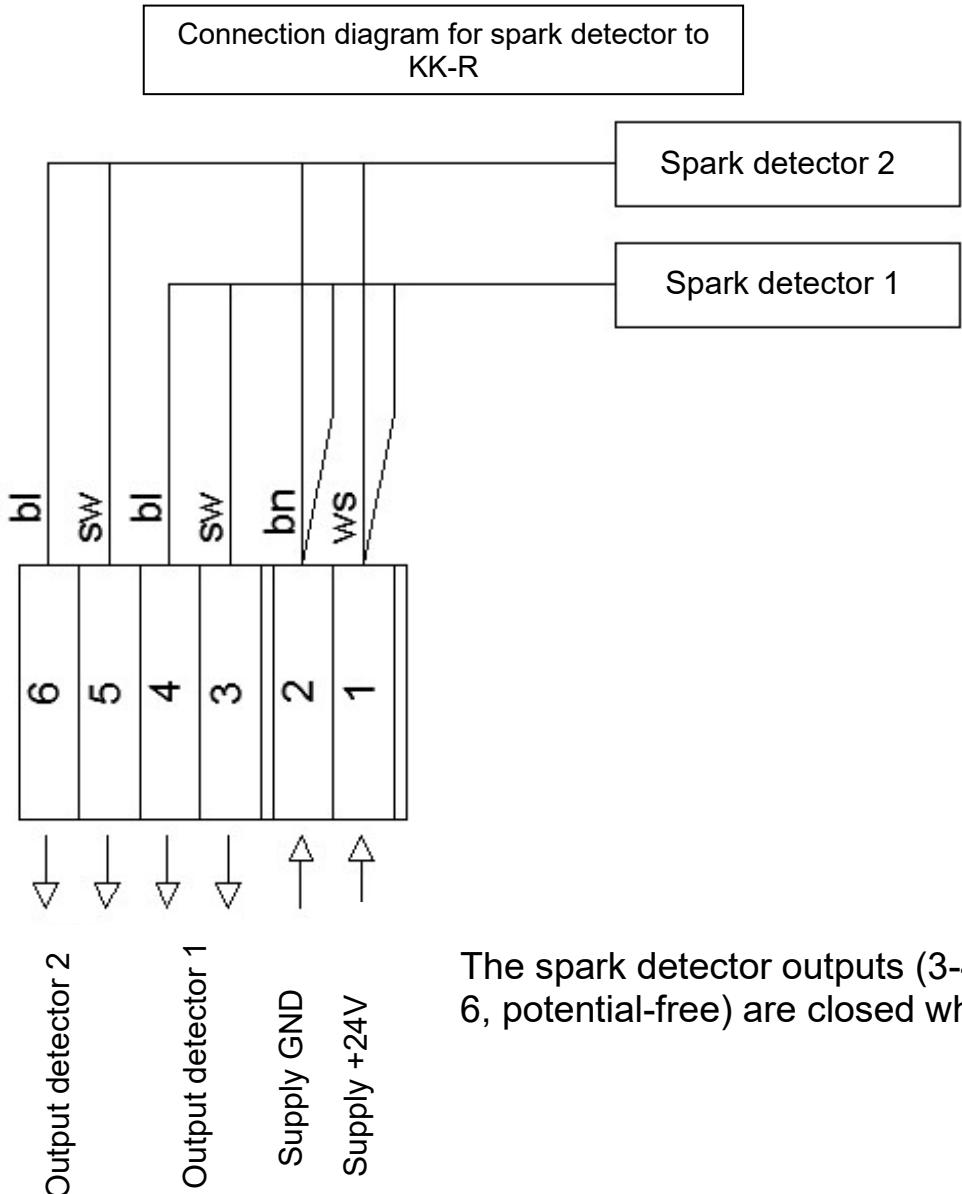
Not available

**CMC TECHNOLOGIES**

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When sparks are detected, the internal switching contact is opened for 5 seconds.

Attachment:**CMC TECHNOLOGIES**

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