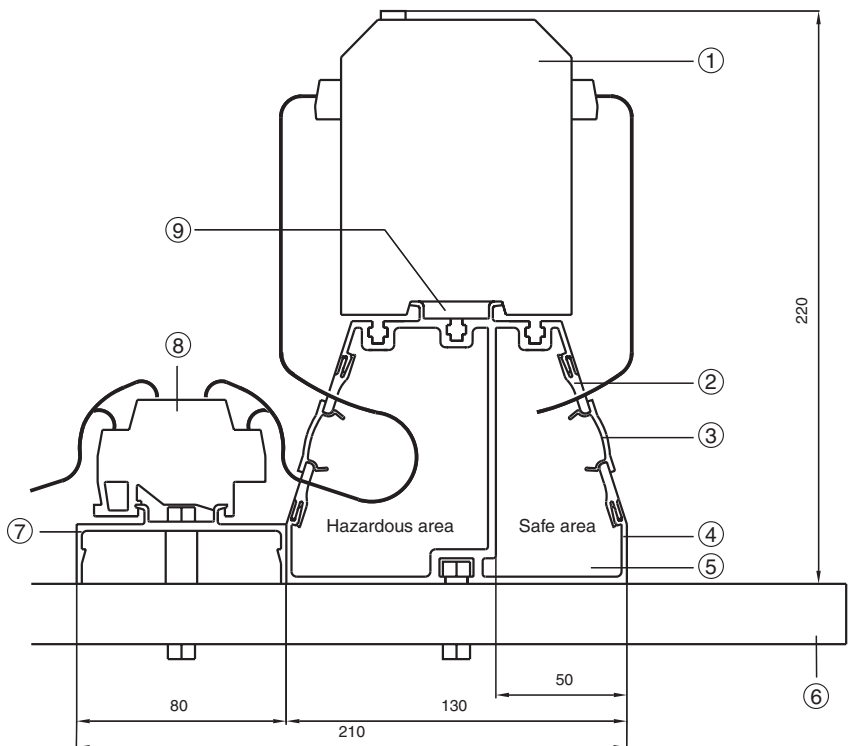
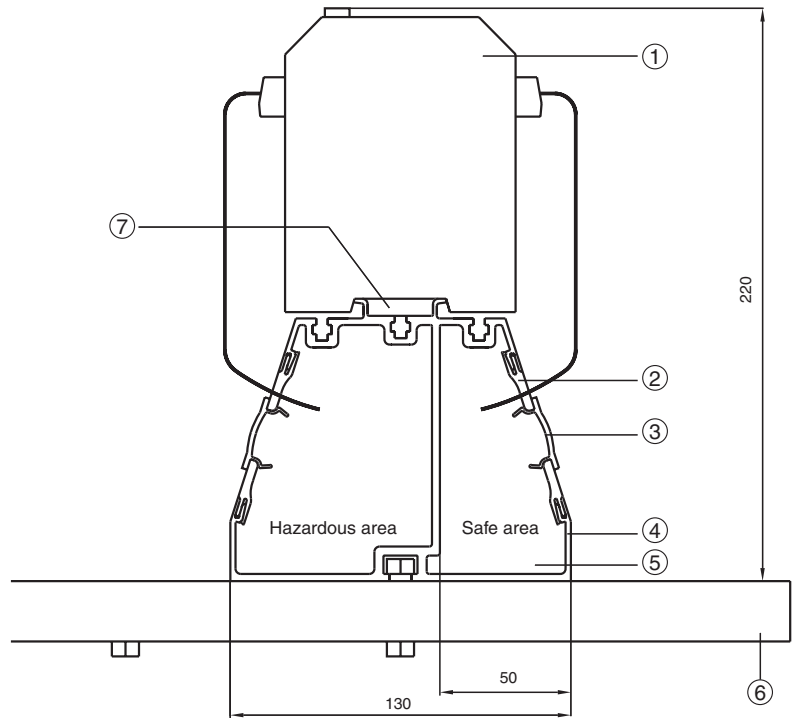


Dimensions



Type code

KF-Profil

Features

- Cable trunking is integrated in the mounting profile
- Reducing the number of connections to a minimum to the control system

Function

KF-profile without shunting bridge

- 1 K-module
- 2 Wiring comb for direct wiring to the K-modules
- 3 Comb cover
- 4 KF-profile
- 5 Compartment for connection cable: system or field cables for the hazardous and safe areas may be installed
- 6 Cross tie
- 7 Power Rail

KF-profile with shunting bridge

- 1 K-module
- 2 Wiring comb for direct wiring to the K-modules
- 3 Comb cover
- 4 KF-profile
- 5 Compartment for connection cable: system or field cables for the hazardous and safe areas may be installed
- 6 Cross tie
- 7 Shunting bridge
- 8 Terminal
- 9 Power Rail

Technical data

Mechanical specifications

Dimensions	130 x 100 x 1800 mm (5 x 4 x 71 in)
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Function

The KF mounting rail from Pepperl+Fuchs has an overall length of 1.8 m (5.4 ft), and can be used to provide space-saving mounting for up to 90 K-modules and accommodate the associated wiring. The system and field cables for Ex- and non-Ex-signals are easily installed in the integral cable ducts of the KF rail. Thus no additional cable guides are necessary.

The power supply to the individual modules is preferably provided via the Power Rail that can be integrated into the system. The power supply can in fact be achieved in two different ways:

1. If a 24 V DC supply is available, the supply to the modules can be by means of a KFD2-EB... power supply. It is also possible to build up various function groups and to supply these separately via power supply modules. If required, a redundant power supply to the K-modules can also be provided.
2. If a 230 V AC supply is available, the KFA... power supply module is used.

Pepperl+Fuchs can also supply prefabricated system cables for the KF rail assemblies. This significantly reduces the installation and commissioning work required. These cables, which are readily available in arbitrary lengths, are factory-tested, so that faults on connection of automation systems are practically excluded.

The KF rail can be coupled with control systems from the following manufacturers: ABB, AEG, Elzac-Bailey, Foxboro, Hartmann+Braun, Honeywell, Siemens und Yokogawa