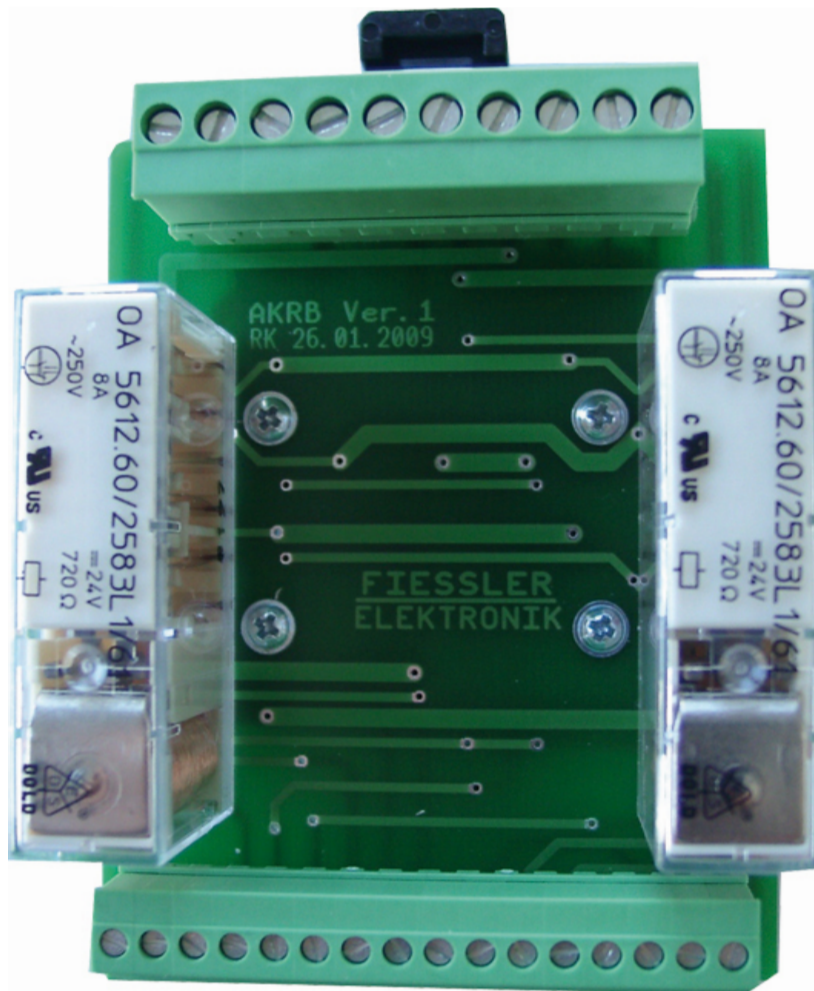


### AKAS<sup>®</sup> Safety connection interface

### AKRB



**Typ 4**  
EN 61496

**Safety connection interface for AKAS<sup>®</sup>**

**extremely simple integration**



**low cable expenditure**



**minimum space requirement**



#### application:

AKAS®\_F+AMS3+AKRB = complete safety PLC and safeguarding at a press brake, according to safety category 4 EN 954 bzw. PL e EN 13849.

AKAS®\_F+AMS3 : by using the safety connection interface AKRB, all press brake safety functions are carried out in a simple way.

#### function:

AMS3 monitors the press brake speed and activates the Muting at the AKAS®\_F .

AKAS®\_F verifies the correct functionality of the press brake and transfers the safe release signal to the AKRB, so that the AKRB releases the contactor controls via 4 safe potential free normally open contacts.

The release of the valves is stopped immediately as soon as:

- the protective field of the AKAS® is interrupted
- the protective doors are opened, - the Emergency ON/OFF is activated, - an error within the AKRB occurs, - an error within the AKAS®\_F occurs.

#### connection diagram:

