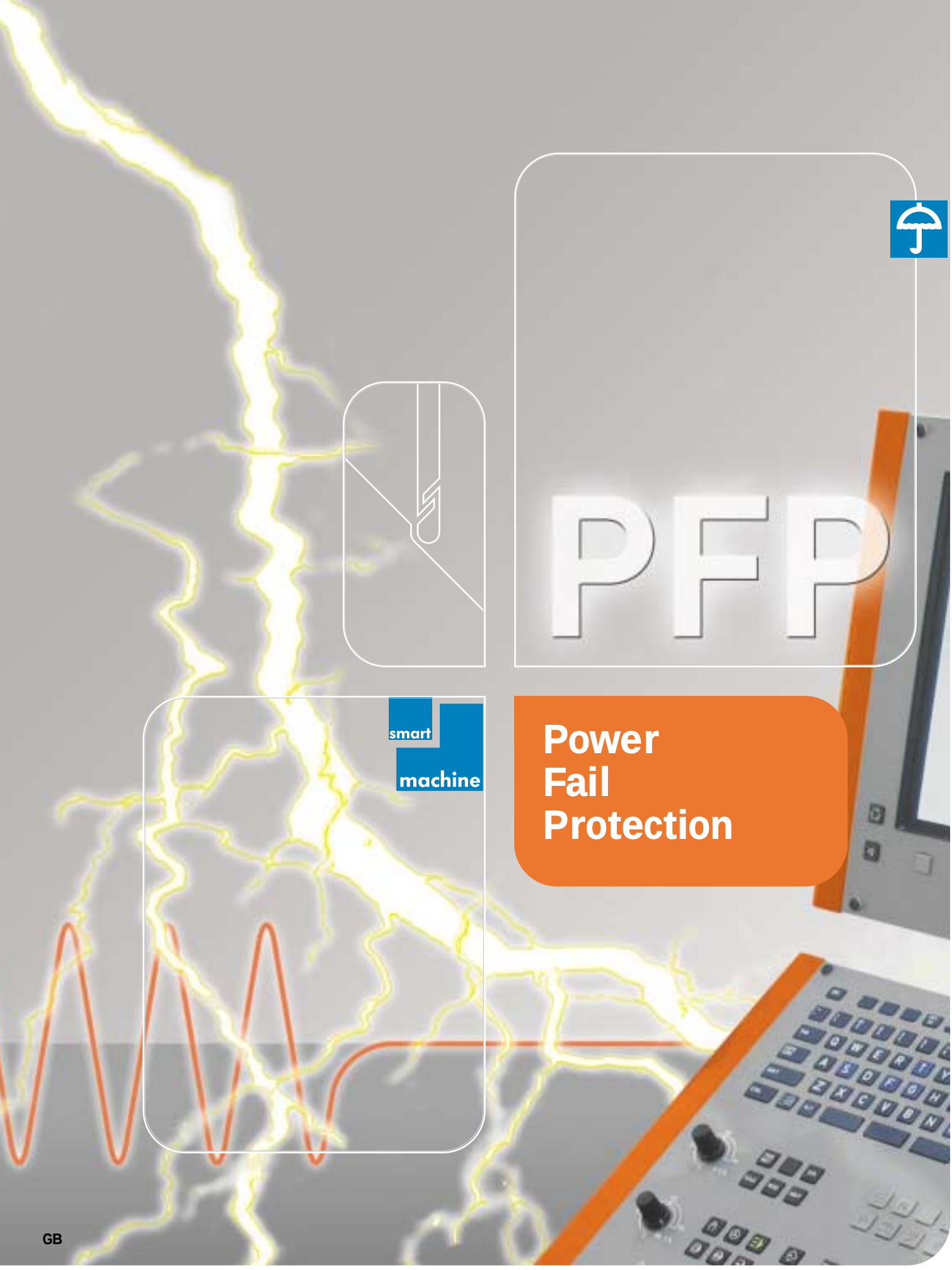

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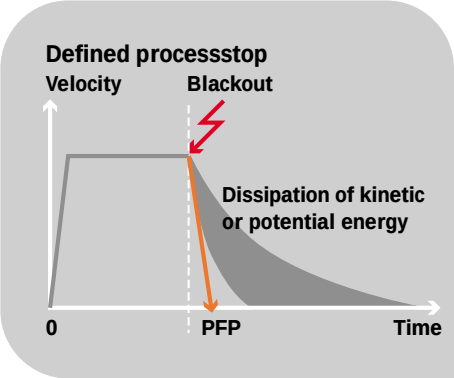
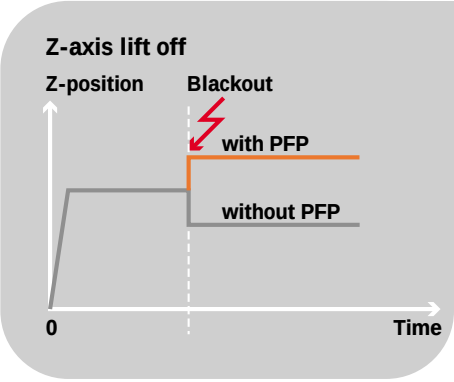
PFP

Power Fail Protection

Druckerei Auflage Datum





Safety trough controlled process

Consequences of power failures can be very annoying and cost generating depending on the machining situation.

Possible consequences

- Tool break
- Spindle damage
- Workpiece damage
- Machine integrity damage

The power fail protection PFP enhances the process safety through a constant monitoring of the power source and a controlled process stop by:

- Power failures
- Power drops
- Power fluctuations
- RMS variations

The functional principle

Trough a continuous power quality monitoring, failures are detected by the control. The system keeps enough energy to stop all movement in a defined safe procedure. Axes and spindle movement are actively stopped and Z-axis raises on request. Chances that the workiece can be saved are high. When power requirement are fulfilled again, the machining process can be restarted manually from where it was interrupted.

Your benefit

Enhanced availability of machine:

- Damages avoidance
- No service intervention
- Resume Job after power reset

Enhanced process safety

- Tool safety
- Workpiece safety
- Spindle Safety
- Machine Safety

Enhanced flexibility

- Z lift off per tool defined

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