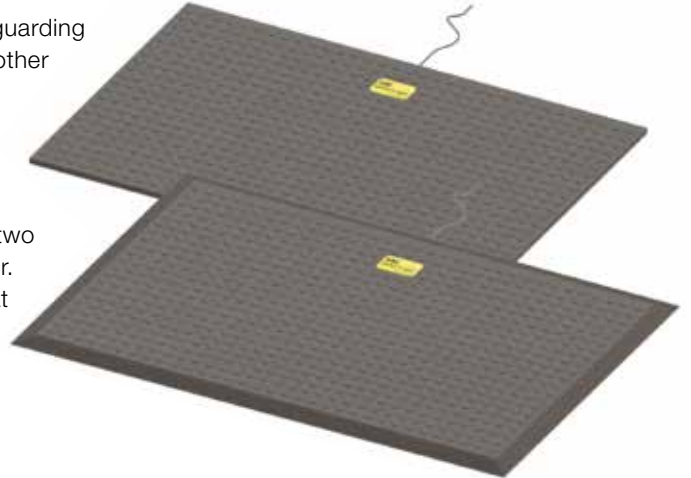


# Safety Contact Mats

## Inspired by industry

The ABB JOKAB SAFETY contact mat has been developed for safeguarding sections in hazardous areas around machines, presses, robots and other types of active equipment. When connected to a suitable monitoring system, stepping on the mat surface triggers a control signal to the stop circuit of the potentially hazardous motion. This fast contact occurs due to the area switch design on the inside of the mat.

The basic construction of the ABB JOKAB SAFETY mat consists of two conductive plates which are separated by a proprietary isolating layer. These plates are completely potted in a polyurethane material so that they are impervious to oil, water and dirt. The top consists of a slip resistant dotted pattern. This surface provides excellent resistance against oil and grease. Mounting to the floor can be realized with either aluminum ramp rails or integrated rubber ramp trim.



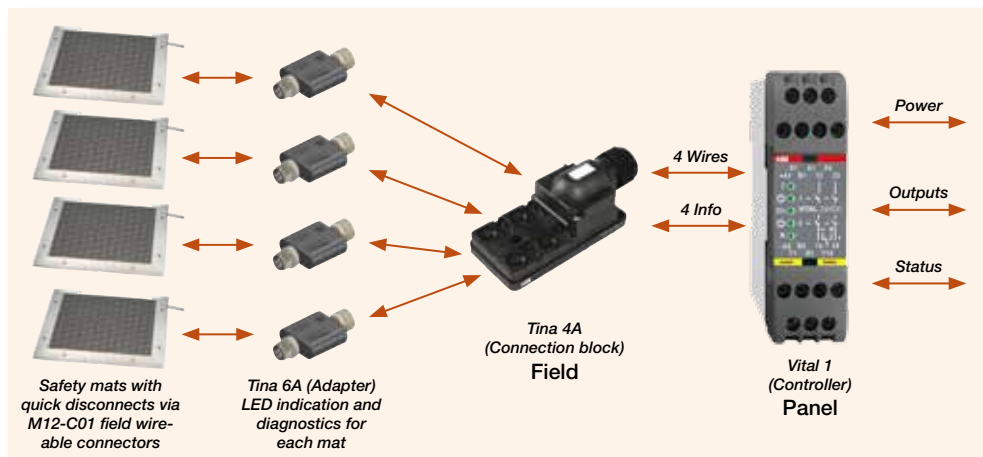
## Unparalleled value

- Available with molded integrated rubber trim that can be removed on the plant floor to best fit the application.
- Available with but cut sides for applications with external aluminum ramp rails cut to custom lengths.
- Supplied with a dotted polyurethane non-slip surface layer that withstands tough industrial conditions.
- The safety mat and its connection cabling can be supervised by a suitable ABB JOKAB SAFETY safety relay, Vital Controller or Pluto Safety PLC which provides PL d.



## Increase profits by reducing downtime

When connected to a Vital controller or a Pluto Safety PLC with the Tina 6A adaptor LED diagnostics becomes available for all connected safety mats. This feature makes set up and troubleshooting quick and easy, unlike conventional safety mats without any visual indication. When connected to the Tina 4A Safety Port Block, field wiring is reduced by up to 75%.



# Ordering data

## Safety mat without integrated trim

Material number	Material description
2TLA858003R2800	Safety mat w/o trim 12" x 12"
2TLA858002R3800	Safety mat w/o trim 24" x 24"
2TLA858002R3900	Safety mat w/o trim 24" x 30"
2TLA858002R4000	Safety mat w/o trim 24" x 36"
2TLA858002R4100	Safety mat w/o trim 24" x 42"
2TLA858002R4200	Safety mat w/o trim 24" x 48"
2TLA858002R4300	Safety mat w/o trim 24" x 60"
2TLA858002R4400	Safety mat w/o trim 30" x 30"
2TLA858002R4500	Safety mat w/o trim 30" x 36"
2TLA858002R4600	Safety mat w/o trim 30" x 42"
2TLA858002R4700	Safety mat w/o trim 30" x 48"
2TLA858002R4800	Safety mat w/o trim 36" x 36"
2TLA858002R4900	Safety mat w/o trim 36" x 42"
2TLA858002R5000	Safety mat w/o trim 36" x 48"
2TLA858002R5100	Safety mat w/o trim 36" x 60"
2TLA858002R5200	Safety mat w/o trim 42" x 42"
2TLA858002R5300	Safety mat w/o trim 42" x 48"
2TLA858002R5400	Safety mat w/o trim 48" x 48"
2TLA858002R5500	Safety mat w/o trim 48" x 60"

## Safety mat with integrated trim

Material number	Material description
2TLA858003R2900	Safety mat w trim 12" x 12"
2TLA858002R5600	Safety mat w trim 24" x 24"
2TLA858002R5700	Safety mat w trim 24" x 30"
2TLA858002R5800	Safety mat w trim 24" x 36"
2TLA858002R5900	Safety mat w trim 24" x 42"
2TLA858002R6000	Safety mat w trim 24" x 48"
2TLA858002R6100	Safety mat w trim 24" x 60"
2TLA858002R6200	Safety mat w trim 30" x 30"
2TLA858002R6300	Safety mat w trim 30" x 36"
2TLA858002R6400	Safety mat w trim 30" x 42"
2TLA858002R6500	Safety mat w trim 30" x 48"
2TLA858002R6600	Safety mat w trim 36" x 36"
2TLA858002R6700	Safety mat w trim 36" x 42"
2TLA858002R6800	Safety mat w trim 36" x 48"
2TLA858002R6900	Safety mat w trim 36" x 60"
2TLA858002R7000	Safety mat w trim 42" x 42"
2TLA858002R7100	Safety mat w trim 42" x 48"
2TLA858002R7200	Safety mat w trim 48" x 48"
2TLA858002R7300	Safety mat w trim 48" x 60"

NOTE: Custom non-stocked safety mat are available upon request.

## Safety mat aluminum trim

Material number	Material description
2TLA858002R7400	Safety mat trim corner connection
2TLA858002R7500	Safety mat alum. Trim (by the inch)
2TLA858002R7600	Safety mat demo sample

For Order entry Support or Technical Support, please contact  
**ABB JOKAB SAFETY**  
at  
**888-282-2123**

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