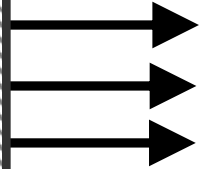


LARUS SAFE®

the matrix safety system



Sicherheitsschaltgerät, Typ PNOZmulti from company Pilz GmbH & Co. KG

Matrix System

- An industry-proven Matrix Safety System instead of the conventional Safety Chain introduced to WTG of W2E
- Selective responding properties to a variety of triggering devices such as an emergency switch, vibration switch, threshold speed relays, cable-twist switch, threshold oil pressure relay, etc.
- Certain extreme loads and mechanical wear of the disk brake, etc. are reduced; ultimately leading to a higher lifetime of the components
- Complying with standard ISO 13849-1





Machine according to the Machine Guideline

- EC Machine Guideline 2006/42/EG
- Low Voltage Guideline 2006/95/EG
- EMC Guideline 2004/108/EG



Applied norms and guidelines

- EN 61400-1 Wind turbine generator system:
Safety Requirements
- EN ISO 13849-1
- Guideline for Certification of wind turbines
(German Lloyd WindEnergy GmbH, Edition 2003,
Additional sheets 2004)



W2E Wind to Energy GmbH

Tel.: +49 381 128571-11 (CET 8:00 – 17:00)

Fax: +49 381 128571-10

Email: info@wind-to-energy.de

W2E Wind to Energy Inc.

Tel.: +1 226 663 4059 (EST 8:00 – 17:00)

Fax: +1 226 663 4037

Email: fweber@wind-to-energy.de