

Subject to reasonable modifications due to technical advances

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Technical data Power supply Nominal voltage Ripple Nominal current	Connections d14 (L+), z14 (L-) DC 20 V 35 V ≤10 % within the supply voltage range max. 120 mA (bei 25 °C)
Innerte	
Inputs Input I : Input II : Signal level Logic-1 Signal level Logic-0 Energize- / De-energized delay Input current	$\begin{array}{c} Connections \ d16+, \ z16-\\ Connections \ d18+, \ z18-\\ DC \ 15 \ V \ \ 35 \ V \\ DC \ 0 \ V \ \ 4 \ V \\ \leq 10 \ ms \ / \ \leq 10 \ ms \\ about \ 0.3 \ mA \\ A \ max. \ of \ 10 \ relay \ cards \ can \ be \ connected \ to \ safety \ amplifier \ ED2-SH-Ex2.T \ or \ EKSH-03-T \end{array}$
Safety rating	Particularly in conjunction with the safety amplifiers, VDE 0660 Section 209 is achieved.
3	
Outputs Output I : Output II : Contact load Mechanical life Energized- / De-energized delay Fuses	Connections d30, z30 (2 A-contact in series, center tap for protection on d32) Connections d26, z26 (2 A-contact in series, center tap for protection on d24) AC: 50 V / 500 W / 2 A / cos φ = 1; DC 30 V / 1 A 2 x 10 ⁶ switchings ≤8 ms / ≤20 ms 4 A load, each (replaceable only by manufacturer)
Output III : Voltage Nominal current Voltage drop Leakage current	Transistor output Connections d10+, z10- 10 V 30 V 7 mA current limited about 2.5 V \leq 10 μ A
Transfer characteristics Switch frequency	10 Hz
Galvanic isolation Output III from power supply Output III from power supply Output III/power supply from output III	Basic insulation per DIN EN 50 178, design isolation voltage 253 V _{eff} Safe isolation per DIN VDE 0106, design isolation voltage 50 V _{eff} Safe isolation per DIN VDE 0106, design isolation voltage 253 V _{eff}
Conformity to standard Climatic conditions	per DIN IEC 721
Certification TÜV (BRD)	TÜV-approval per VDE 0660 Section 209 pending TÜV DIN v 19 250 Requirements class AK 1 5
Intrinsic safety symbol of the relay card per DIN VDE 0660 Section 209	
Symbol for products from Pepperl+Fuchs for safety applications	S
Ambient temperature Connection method Weight	-25 °C +70 °C (248 K 343 K) 32-pin plug connector per DIN 41 612, Series 2, Type F; z and d provided about 200 g

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