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► Extract from the online catalog



Power optocoupler terminal block, input: 24 V DC, output: 10-253 V AC/800 mA, terminal width 6.2 mm

Order No.	2964649
Ord designation	DEK-OV- 24DC/240AC/800
EAN	4017918131043
Pack	10 Pcs.
Customs tariff	85364190
Catalog page information	Page 85 (IF-2005)

► Technical data

Input data

Nominal input voltage U_N	24 V DC $\pm 20\%$
Switching threshold "0" signal in reference to U_N	0.4
Switching threshold "1" signal in reference to U_N	0.8
Typical input current at U_N	11 mA
Transmission frequency	10 Hz
Typical response time	
Typical turn-off time	

Output data

Output nominal voltage range	10 V AC ... 253 V AC (50/60 Hz)
Limiting continuous current	0.8 A (maximum)
Maximum inrush current	30 A (t = 10 ms)
Min. load current	10 mA
Leakage current	1.2 mA (in off state)
Peak offstate voltage	600 V ([NO ASSET AVAILABLE: TXB,1362958,P])
Voltage drop at max. limiting continuous current	
Protective circuitry	RCV circuit

Connection data

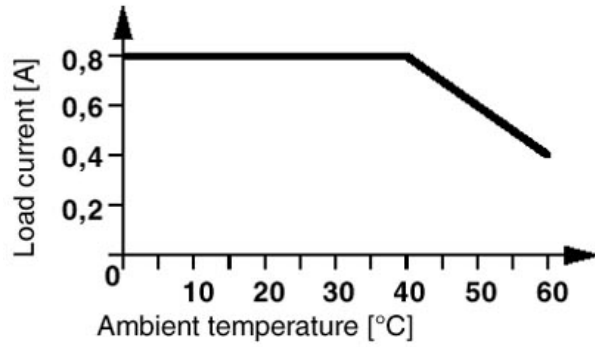
Conductor cross section, rigid min.	0.2 mm ²
Conductor cross section, rigid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section, flexible max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Type of connection	Screw connection
Stripping length	8 mm
Screw thread	M 3

General data

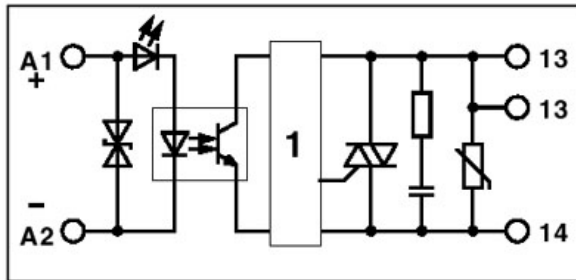
Length	80 mm
Width	6.2 mm
Height	56 mm
Test voltage input/output	2.5 kV AC
Ambient temperature (operation)	-20 °C ... 60 °C
Installation position	Any
Assembly instructions	In rows with zero spacing
Standards/regulations	IEC 60664
Standards/regulations	IEC 60664 A
Standards/regulations	DIN VDE 0110
Contamination class	2
Surge voltage category	III

► Drawings

Diagram



Circuit diagram



► Accessories

Item	Designation	Description
Bridges		
2716648	EB 2- DIK BU	Insertion bridge, for middle and bottom level, 2-pos., color of the insulating material: Blue
2716693	EB 2- DIK RD	Insertion bridge, for middle and bottom level, 2-pos., color of the insulating material: Red
2716651	EB 3- DIK BU	Insertion bridge, for middle and bottom level, 3-pos., color of the insulating material: Blue
2716745	EB 3- DIK RD	Insertion bridge, for middle and bottom level, 3-pos., color of the insulating material: Red
2716664	EB 4- DIK BU	Insertion bridge, for middle and bottom level, 4-pos., color of the insulating material: Blue
2716758	EB 4- DIK RD	Insertion bridge, for middle and bottom level, 4-pos., color of the insulating material: Red
2716677	EB 5- DIK BU	Insertion bridge, for middle and bottom level, 5-pos., color of the insulating material: Blue
2716761	EB 5- DIK RD	Insertion bridge, for middle and bottom level, 5-pos., color of the insulating material: Red
2716680	EB 10- DIK BU	Insertion bridge, for middle and bottom level, 10-pos., color of the insulating material: Blue
2716774	EB 10- DIK RD	Insertion bridge, for middle and bottom level, 10-pos., color of the insulating material: Red
2715940	EB 80- DIK BU	Insertion bridge, divisible, for middle and bottom level, 80-pos., insulating material: Blue
2715953	EB 80- DIK RD	Insertion bridge, divisible, for middle and bottom level, 80-pos., insulating material: Red
2715788	EB 80- DIK WH	Insertion bridge, divisible, for middle and bottom level, 80-pos., insulating material: White

► Address

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