

**Dimensions mm[inch]**  
 tolerances acc. to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m

**Isometric**  
 Scale 1:2  
 Maßstab 1:2

**Cable**  
 round cable 2xAWG24, grey  
 UL-Style 2464/1061  
 colour of wires: white and brown  
 Rundkabel 2xAWG24, grau  
 UL-Style 2464/1061  
 Aderfarben: weiss und braun

**Schematic**

**Marking**  
 according to EN60062/factory code  
 gem. EN60062/Fertigungsstätte

**Terminals/Connector**  
 ends tinned  
 Enden verzinkt

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull in	at 20 °C	59		91	AT
Test equipment		KMS-31 + input + PK002 + SA002			

Special Product Data	Conditions	Min	Typ	Max	Unit
Contact - No.		85			
Contact - form		A - NO			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			100	W
operating voltage	DC or Peak AC			300	V
operating ampere	DC or Peak AC			2,5	A
Switching current	DC or Peak AC			1	A
Sensor-resistance	measured with 40% overdrive			300	mOhm
Housing material		Crastin,SK 645FR, rated 94V-0, 140 °C, E.I. Dupont			
Case color		white			
Sealing compound		Voltatex CE 12 FW-UL			

Environmental data	Conditions	Min	Typ	Max	Unit
Operating temperature	cable not moved	-30		80	°C
Operating temperature	cable moved	-15		80	°C
Storage temperature		-30		80	°C

Cable specification	Conditions	Min	Typ	Max	Unit
Cable typ		round cable			
Cable material		PVC			
Cross section		AWG 24			

General data	Conditions	Min	Typ	Max	Unit
Mounting advice		over 5m cable, a serie-resistor is recommended.			
Mounting advice		Decreased switching distances by mounting on iron.			
Mounting advice		Magnetically conductive screws must not be used.			
tightening torque	Screw M3 ISO 1207 Disk ISO 7089			0,5	Nm