

### Technical data

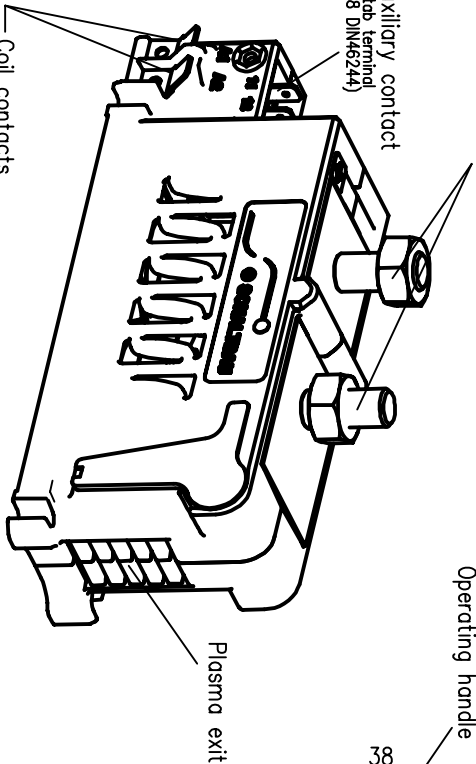
#### In general

Weight: approx. 1.2 kg  
 Rated insulation voltage according to EN60947-1: 125V for PD3 (pollution degree)  
 Ambient temperature range: -40°C up to +60°C  
 Protection: IP10 (contacts IP00)  
 Mechanical life: >10,000 operations  
 Auxiliary contacts: 1 pc. S870 NO + NC contact  
 Coil suppression: Varistor  
 Mounting position: Any, except main contacts upside down  
 Fixing: With screws M5 (max torque 2Nm)

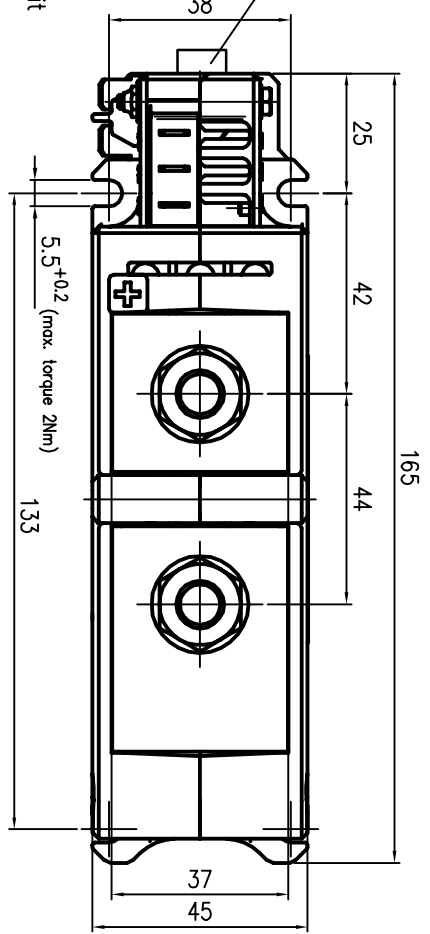
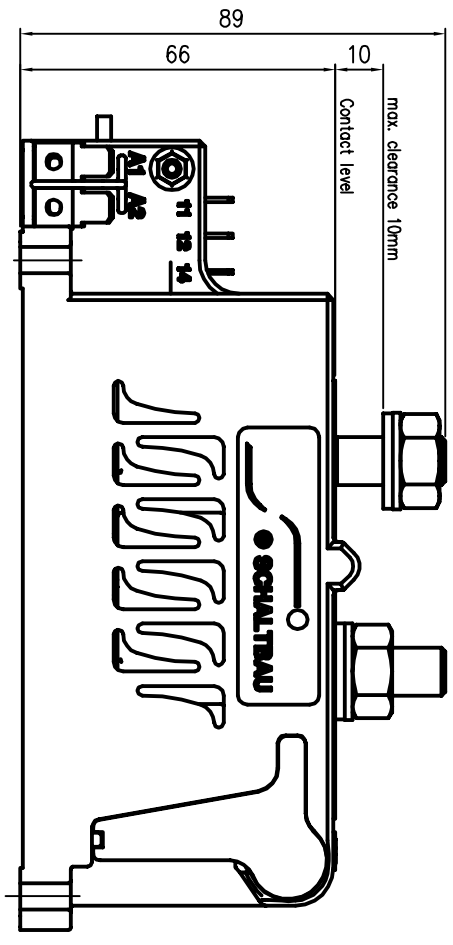
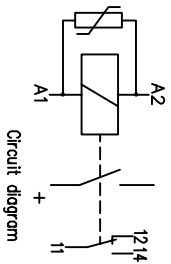
#### Electrical data

Coil voltage  $U_{\text{nom}} = 48\text{VDC}$   
 Coil voltage range: 42V - 60V  
 Switch-on time: 100%  
 Pull-in voltage (mounting position vertical at 20°C):  $\leq 35\text{V}$   
 Coil resistance: approx. 220 Ohm at 20°C (approx. 168 Ohm at -40°C)  
 Continuous thermal current  $I_{\text{th}}$ : 400A. (Please note: Contactor and power supply result in a thermal system. Cross sections are decisive)  
 Max. inrush current: 400A/96VDC/resistive load  
 Max. breaking current: >650A/96V/resistive load  
 Electrical life for battery contactor: >150 operations at 400A/60V/resistive load  
 Electrical life for load contactor: >500 operations at 250A/60V/resistive load

Main contacts M10 (max. torque 10Nm)



Contactor part no.: 1-1697-100212



Modifications reserved!

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Verwendbar für:

Menge ohne Toleranzangabe ISO 2768 m	Oberfläche siehe Stückliste	Ausg. Datum	Masstab	Gewicht
Datum	Name	Werkstoff, Halbzeug, Modell-Nr.		
Bezfr. 10.09.02	WICHTLER	C400 L0/P1- 48FV-E1		
Gepfr. 10.09.02	Gishouser	Contactor Drawing		
Norm.				



1-1697-100212

Blatt 01 BR

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