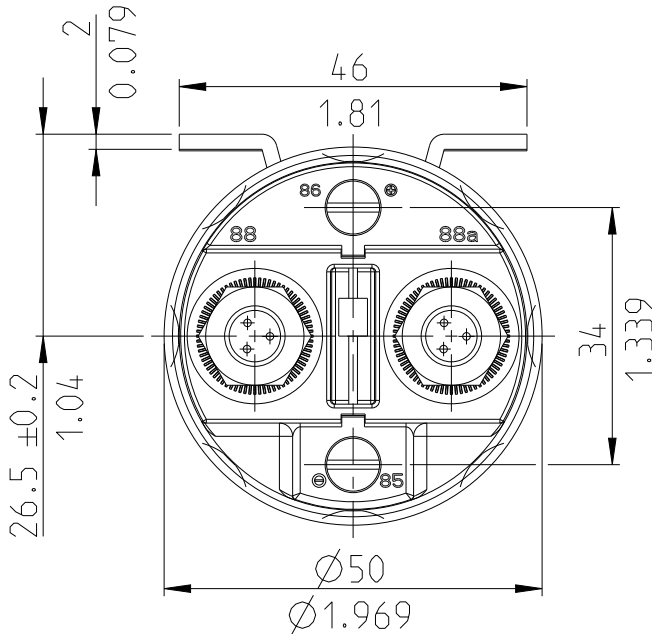


P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-24-246689TE STANDARD	09JAN2024	KS	RB

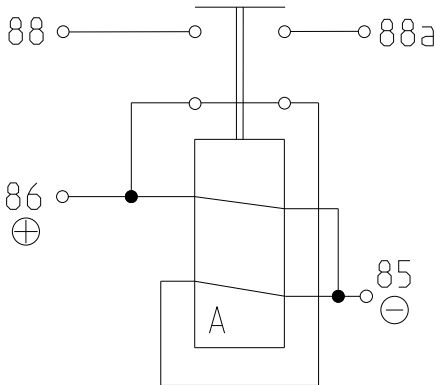
NOTE
Bemerkungen:

1  TE-CONNECTIVITY ORDER-NUMBER
TE-connectivity Bestellnummer

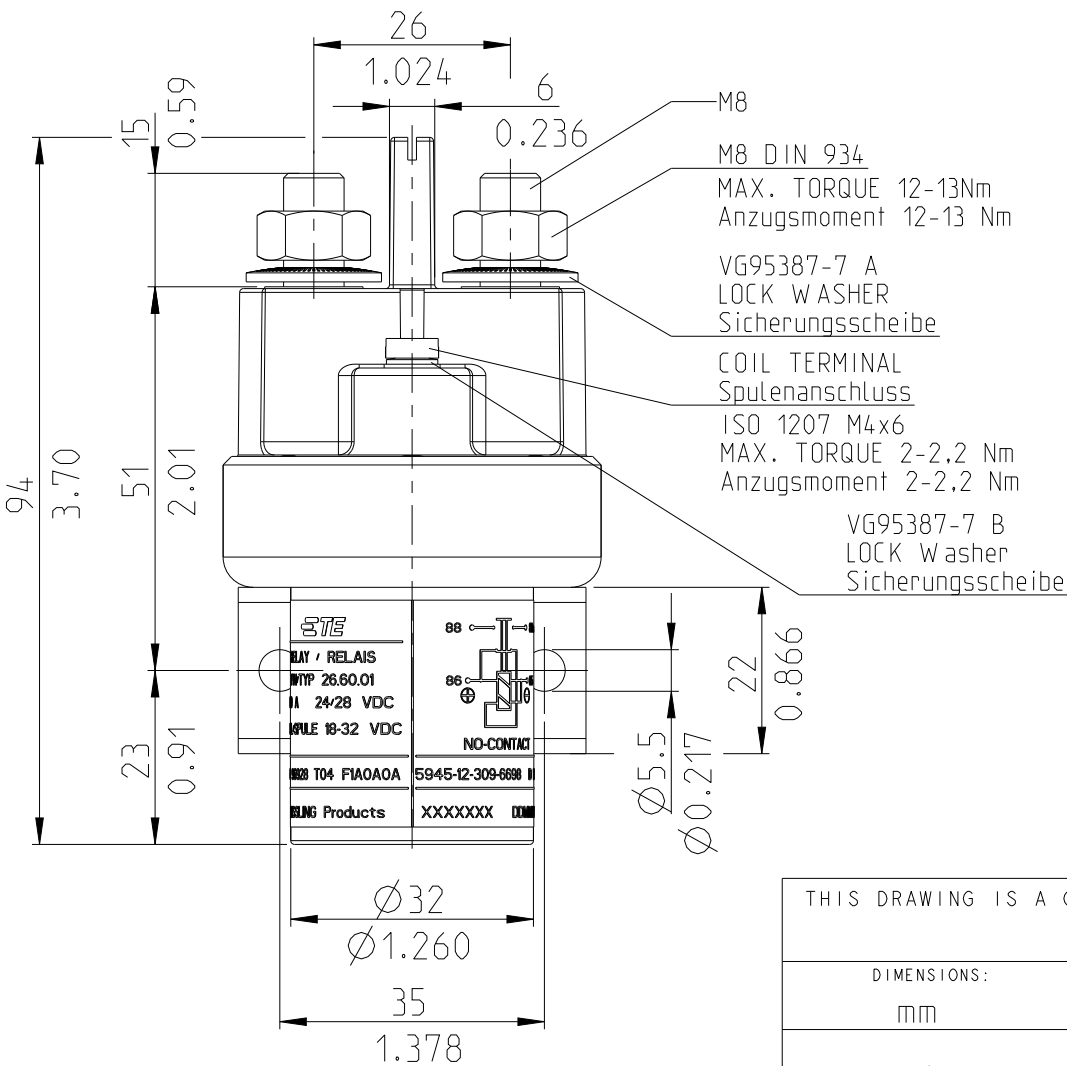
2 NATO-STOCK-NUMBER: 5945-12-309-6698
Versorgungsnummer: 5945-12-309-6698



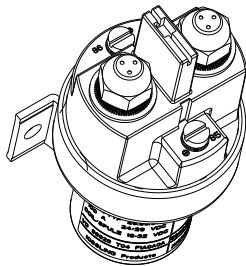
CIRCUIT
Schaltkreis

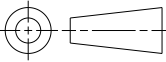


H = HOLDING COIL/Haltespule
A = PULL IN COIL/ Azugsspule



ISO 1:2



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K.Seeger	12DEC2011
		CHK K.Seeger	12DEC2011
		APVD H.Walz	23JUL2014
		PRODUCT SPEC	
		APPLICATION SPEC	
		WEIGHT	
		CUSTOMER DRAWING	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:		
mm	DIN ISO 2768 cL		
	0 PLC	±0	
	1 PLC	±0	
	2 PLC	±0.03	
	3 PLC	±0.010	
	4 PLC	±	
MATERIAL	FINISH	±0°30'	

K1008698	1	A	100AMP POWER RELAY (28VDC) 100Amp Leistungsrelais (28VDC)	1
TE ORDER-NO.	REV.	DESCRIPTION		ITEM NO

 TE Connectivity

NAME 100AMP POWER RELAY (28VDC) 100Amp Leistungsrelais (28VDC)				
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
A3	00779	C-26-60-01	-	
SCALE			SHEET	REV
1:1			1 OF 2	A

P	LTR	DESCRIPTION	DATE	DWN	APVD

TECHNICAL DATA

ENVIRONMENTAL CHARACTERISTICS

TEMPERATURE RANGE.....-55°c TO +74°c (-67°F TO +165°F)
MAX. ALTITUDE RATING.....50000FT
SEAL.....IEC PUBLICATION 529;IP 67;6FT
SHOCK G-LEVEL.....MIL-STD-202, TEST METHOD 213, TEST CONDITION J=30G
VIBRATION.....MIL-STD-202,TEST METHOD 204 , TEST CONDITION C=10G
ACCELERATION.....15G

ELECTRICAL CHARACTERISTICS

MIN.INSULATION RESISTANCE; INITIAL.....100 MEGOHMS
AFTER LIFE OR ENVIRONMENTAL.....50 MEGOHMS
DIELECTRIC WITHSTANDING VOLTAGE SEA-LEVEL 1 MINUTE.....1050 VOLTS
ALTITUDE 1 MINUTE.....500 VOLTS
MAX.CONTACT DROP INITIAL.....0.15 VOLTS
AFTER LIFE TEST.....0.175 VOLTS
OVERLOAD.....800 AMP
REPTURE CURRENT.....1000 AMP
DUTY RATING.....100 AMP CONTINUOUS

RATED CONTACT LOAD (28 VDC)

RESISTIVE LOAD.....50000 CYCLES WITH 100 AMP
INDUCTIVE LOAD.....10000 CYCLES WITH 80 AMP
MOTOR LOAD.....50000 CYCLES WITH 100 AMP
MECHANICAL LIFE.....100000 CYCLES WITH 25 AMP

OPERATING CHARACTERISTICS

COIL DATA

VOLTAGE RANGE.....18-32 VDC
NOMINAL VOLTAGE.....28 VDC
PICK UP VOLTAGE MAX.18 VDC FULL TEMP.RANGE
RESISTANCE PULL IN COIL.....3.6 OHMS +20%
PULL IN CURRENT MAX.....6 AMP FOR 30 MSEC
RESISTANCE HOLDING COIL.....145 OHMS +10%
HOLDING CURRENT MAX.0.25 AMP
DROP OUT VOLTAGE.....<6 VDC FULL TEMP. RANGE

TIME MILLISECONDS-MAX.

OPERATE.....20
RELEASE.....15
BOUNCE.....8

WEIGHT.....0.44kg = 0.97 POUND MAX.
WIRE SECTION (AT NOMINAL LOAD).....MIN. 25mm2 / 0.039 sq.in./ AWG 3

SUBJECT TO CHANGE

Technische daten

Allgemeine Daten

Umgebungstemperatur.....-55°C bis +74°C
Max. Arbeitshoehe.....15000m
Schutzart Innenraum.....IP67(0.2 bar;1min) nach IEC529
Anschluesse.....IP00 nach IEC529
Stoßbelastung.....Schärfegrad J (30g, 11ms, Halbsinus) nach VG 95210, Blatt 28
Schuettelbeanspruchung.....Schärfegrad C (10g,10-200Hz) nach VG 95210, Blatt 16und 19
Beschleunigung15g
Beständigkeit.....Beständig gegen gebräuchliche Öle, Kraftstoffe,
Hydraulikfluessigkeiten, Alkohol und Feuerlöschmittel
Gewicht.....440g

Elektrische Daten

Min.isolationswiderstand.....100 MOhm
Isolationswiderstand nach Belastung.....50 MOhm
Hochspannungsfestigkeit.....1050 V fuer 1min
Max.Kontaktspannungsabfall.....150 mV
Kontaktspannungsabfall nach Lebensdauer.....175 mV
Dauerstrom(Nennlast).....100A-
Überlast.....1000A-fuer 1 s, 200A- fuer 20s

Lebensdauer

Nennlast(ohmsch)20000 Schaltspiele
Mechanisch.....100000 Schaltspiele

Spulendaten

Betriebsspannung.....18-32 V-
Nennspannung.....24 V- / 28 V-
Max. Anzugsspannung.....18 V- (ges. Tempraturbereich)
Trennspannung.....<6 V- bei Tu 20°C
Anzugsspule,Widerstand.....3.6 Ohm ±20%
Anzugsstrom.....6A für 20ms bei Nennspannung und Tu 20°C
Haltespule, Widerstand.....145 Ohm ±10%
Haltestrom.....0.2A bei Nennspannung und Tu 20°C

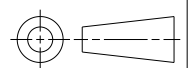
Schaltzeiten

Anzugszeit einschl. Prellzeit.....max. 20 ms
Prellzeit.....max. 8 ms
Abfallzeit..... max. 15ms

Sonstige Angaben

Anschlussquerschnitt bei Nennlast.....min.25 mm
Einbaulage.....beliebig

Änderungen vorbehalten

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K.Seeger	12DEC 2011	TE Connectivity			
		CHK K.Seeger	12DEC 2011				
		APVD H.Walz	23JUL 2014				
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768 cL	PRODUCT SPEC		NAME 100AMP POWER RELAY (28VDC) 100Amp Leistungsrelais (28VDC)			
	0 PLC ±0 1 PLC ±0 2 PLC ±0.03 3 PLC ±0.010 4 PLC ± ANGLES ±0°30'	APPLICATION SPEC					
MATERIAL	FINISH	WEIGHT		SIZE A3	CAGE CODE 00779	DRAWING NO C=26-60-01	RESTRICTED TO -
		CUSTOMER DRAWING				SCALE 1:1	SHEET 2 OF 2