© 2024 TE Connectivity. All Rights Reserved.

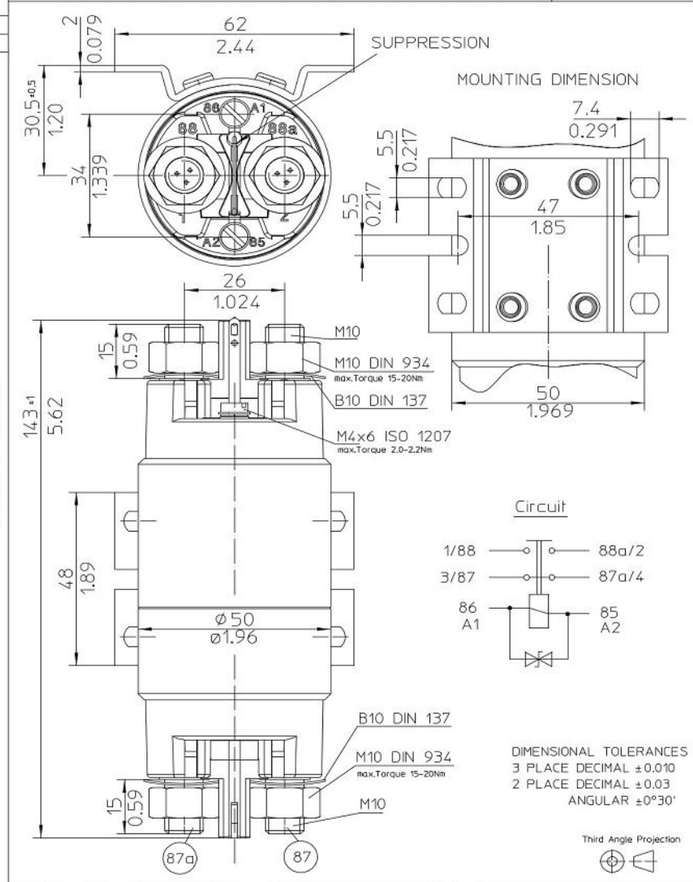
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	TE STANDARD	10JUL2024	KS	RB
	A1	ECN-25-311103	13MAR2025	RA	SY

EC No.

300AMP. POWER RELAY

MAKE & BREAK CONTACT (CHANGEOVER) STANDARD SIDE MOUNTING SUPPRESSION DIODE

Page 1 of 2



	Date	Name		Scale	
Create	01.07.2015	Hamar	mm / inch	1:1	Drawing No: 29-321-11
Edited	06.11.2019	Mielk	General Tolerances DIN ISO 2768 cL		
Check	06.11.2019	Kaise			NSN.:

For this drawing we reserve the copyright in accordance with DIN ISO 16016

EC No.

300AMP. POWER RELAY

Page 2 of 2

Technical Data

ENVIRONMENTAL CHARACTERISTICS		
TEMPERATURE RANGE		-40°C TO +85°C (-40°F TO +185°F)
MAX. ALTITUDE RATING		50 000 FT
SEAL		IP67 (6 FT/ 0,2BAR 1 MIN.) I.A.W. IEC 529
		IP6K9K (STEAM PRESSURE) DIN 40050 PART 9 AND I.A.W. IEC 529
SHOCK G-LEVEL		6G/ 11 MSEC
VIBRATION		4G/ 50-2000 Hz
ELECTRICAL CHARACTERISTICS		
MIN. INSULATION RESISTANCE INITIAL		100 MEGOHMS
AFTER LIVE OR ENVIRONMENTAL		50 MEGOHMS
DIELECTRIC WITHSTANDING VOLTAGE	SEA LEVEL 1 MINUTE:	1050 VOLTS
	ALTITUDE 1 MINUTE:	500 VOLTS
MAX. CONTACT DROP INITIAL		0,15 VDC
AFTER LIFE TEST		0,175 VDC
OVERLOAD		2400 AMP FOR 1 SEC, 600 AMP FOR 20 SEC
DUTY RATING		300 AMP CONTINUOUS
RATED CONTACT LOAD		
MAIN CONTACT		
RESISTIVE LOAD		200 000 CYCLES
ENDURANCE		2 000 000 CYCLES
OPERATING CHARACTERISTICS		
COIL DATA		
28VDC INTERMITTENT DUTY COIL (ON TIME MAX. 1MINUTE)		
VOLTAGE RANGE		9-18 VDC
NOMINAL VOLTAGE		12 VDC
PICK UP VOLTAGE MAX.		9 VDC FULL TEMP. RANGE
DROP OUT VOLTAGE MAX.		≤ 2 VDC FULL TEMP. RANGE
COIL RESISTANCE		15 OHMS ±10%
COIL CURRENT APPROX.		0,8 AMP
COIL POWER APPROX.		10 W
TIME-MILLISECONDS-MAX. CONTACT IN(O)		
OPERATE (CLOSING)		40
BOUNCE		5
RELEASE (OPENING)		20
TIME-MILLISECONDS-MAX. CONTACT IN(C)		
OPERATE (OPENING)		30
BOUNCE		8
RELEASE (CLOSING)		35
WEIGHT		0,91 KG - 2,00 POUND MAX.
WIRE SECTION (AT NOMINAL LOAD)		MIN. 95mm²/0,147 sq.in./AWG 0000
MOUNTING POSITION		OPTIONAL

SUBJECT TO CHANGE

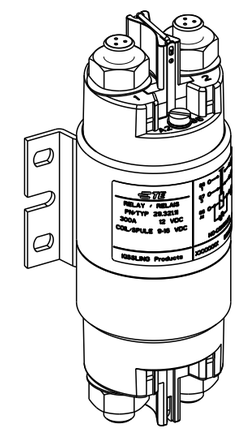
	Date	Name		Scale	
Create	01.07.2015	Hamar	mm	1:1	Drawing No: 29-321-11
Edited	06.11.2019	Mielk	General Tolerances DIN ISO 2768 cL		
Check	06.11.2019	Kaise			NSN.:

For this drawing we reserve the copyright in accordance with DIN ISO 16016

NOTE
Bemerkungen:

1 TE-CONNECTIVITY ORDER-NUMBER
TE-Connectivity Bestellnummer

2 DO NOT SWITCH UNDER LOAD!
Nicht unter Last schalten!



ISO 1:2

TE ORDER-NO.	REV.	DESCRIPTION	ITEM NO
1 K1021362	A	300AMP. POWER RELAY 300AMP. Leistungsrelais	1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768 cL	DWN E.Hamarat 01JUL2015	TE Connectivity
	0 PLC ±	CHK N.Mielke 06NOV2019	
	1 PLC ±	APVD G.Kaiser 06NOV2019	NAME 300AMP. POWER RELAY 300AMP. Leistungsrelais -
	2 PLC ±	PRODUCT SPEC -	
	3 PLC ±	APPLICATION SPEC -	SIZE A3 / CAGE CODE 00779 / DRAWING NO C-29-321-11 / RESTRICTED TO -
	4 PLC ±	WEIGHT -	
MATERIAL	ANGLES ± / FINISH -	CUSTOMER DRAWING	SCALE 1:1 / SHEET 1 OF 1 / REV A1

Downloaded from Arrow.com.