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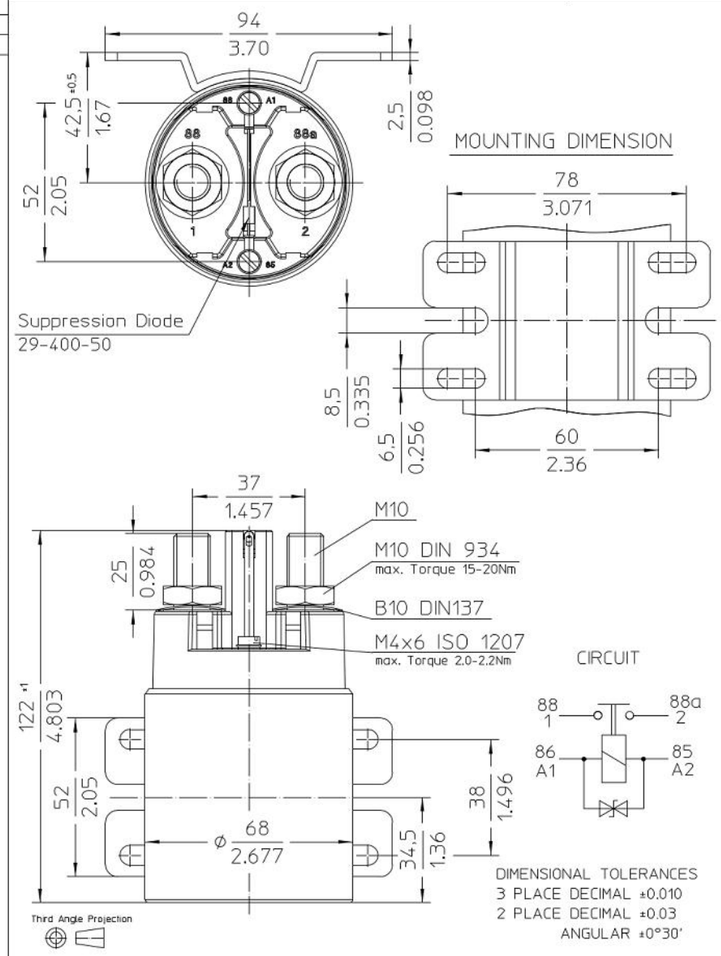
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	TE STANDARD	24APR2024	KS	RB
	A2	ECN-26-376249 CAP ROTATED	01APR2026	SV	NM

EC No.

500AMP. POWER RELAY (24 VDC)

ENVIRONMENTALLY SEALED STANDARD SIDE MOUNTING

Page 1 of 2



	Date	Name
Create	18.10.2019	Mielk
Edited	22.10.2019	Mielk
Check	22.10.2019	Kaise

mm / Inch — Scale 1:1.3 — General Tolerances DIN ISO 2768 cL

Drawing No: 29-511-12

NSN:

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

EC No.

500AMP. POWER RELAY (24 VDC)

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	4000 AMP FOR 1 SEC. 1800 AMP FOR 20 SEC
DUTY RATING	500 AMP CONTINUOUS
RATED CONTACT LOAD	
RESISTIVE LOAD	100 000 CYCLES
ENDURANCE	1 000 000 CYCLES
OPERATING CHARACTERISTICS	
COIL DATA	
VOLTAGE RANGE	18-32 VDC
NOMINAL VOLTAGE	28 VDC
PICK UP VOLTAGE MAX.	18 VDC FULL TEMP. RANGE
DROP OUT VOLTAGE MAX.	≤ 4 VDC FULL TEMP. RANGE
COIL RESISTANCE	36 OHMS ±10%
COIL CURRENT APPROX.	0.78 AMP
COIL POWER APPROX.	22 W
TIME-MILLISECONDS-MAX.	
OPERATE	60
BOUNCE	5
RELEASE	30
WEIGHT	1.60 KG - 3.53 POUND MAX.
WIRE SECTION (AT NOMINAL LOAD)	MIN. 150mm²/ 0.233 sq. in./ MCM 300
MOUNTING POSITION	OPTIONAL

SUBJECT TO CHANGE

	Date	Name
Create	18.10.2019	Mielk
Edited	22.10.2019	Mielk
Check	22.10.2019	Kaise

mm — Scale 1:1.3 — General Tolerances DIN ISO 2768 cL

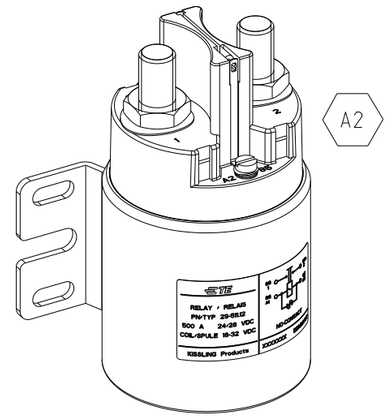
Drawing No: 29-511-12

NSN:

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NOTES:
Bemerkungen:

1 TE-CONNECTIVITY ORDER-NUMBER
TE-Connectivity Bestellnummer



ISO 1:2

K1060259	1	A	500AMP POWER RELAY (24VDC) 500AMP Leistungsrelais (24VDC)	1
PART/TCPN NO.		REV.	DESCRIPTION	ITEM NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768 cL
	0 PLC ±
	1 PLC ±
	2 PLC ±0.03
	3 PLC ±0.010
	4 PLC ±
	ANGLES ±0°30'
MATERIAL	FINISH

DWN	N.Mielke 18OCT2019
CHK	N.Mielke 22OCT2019
APVD	G.Kaiser 22OCT2019
PRODUCT SPEC	
APPLICATION SPEC	
WEIGHT	

TE Connectivity

NAME
500AMP POWER RELAY (24VDC)
500AMP Leistungsrelais (24VDC)

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-29-511-12	-

CUSTOMER DRAWING

SCALE	SHEET	REV
1:1	1 OF 1	A2

1470-19 (3/13)

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