

P	LTR	DESCRIPTION	DATE	DWN	APVD	
	A	TE STANDARD UPDATED	TE STANDARD	18JUL2024	KS	RB
	A1	ECN-26-384142	CAP ROTATED 90DEGREES	18MAY2026	NM	RB
	A2	ECN-26-385121	CORRECTION OF EC PROCESS	26MAY2026	NM	RB

EC No.
21462

50AMP POWER RELAY (28VDC)

Page 1 of 2

Make/Break Contact 90° Offset Side Mounting Environmetally Sealed Suppression Diode

88
1

87
3

86⊕
A1

88a
2

87a
4

85⊖
A2

Circuit

62

2.44

62

2.44

80 ±1

3.15

67.5 ±0.5

2.66

27.5

1.082

16

25.75 ±0.5

1.01

0.630

50

1.968

Lock Washer
VG95387-7 Styles A

Main Terminals (NO)
ISO 1580-M5x8
max. Torque 3,2-3,5Nm

Coil Terminals
DIN 85 M3x6
max. Torque 0,5-0,6Nm

Lock Washer
VG95387-7 Styles B

Lock Washer
VG95387-7 Styles A

Main Terminals (NC)
ISO 1580-M5x8
max. Torque 3,2-3,5Nm

DIMENSIONAL TOLERANCES
3 PLACE DECIMAL ±0,010
2 PLACE DECIMAL ±0,03
ANGULAR ±0°30'

Third Angle Projection

ISO
M 1:2

24 ±0.5

0.945

31

1.220

2

0.079

24

0.945

Suppression Diode

88
1

87
3

86⊕
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88a
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87a
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A2

50AMP POWER RELAY (28VDC)

Page 2 of 2

Make/Break Contact 90° Offset Side Mounting Environmentally Sealed Suppression Diode

TECHNICAL DATA

MEETS THE REQUIREMENTS OF MIL-R-6106

ENVIRONMENTAL CHARACTERISTICS

TEMPERATUR RANGE.....-55°C TO +85°C (-67°F TO +185°F)

MAX. ALTITUDE RATING.....50 000FT

SEAL.....IEC PUBLICATION 529;IP 67;6 FT

SHOCK G-LEVEL (ENERGIZED).....10 G/ 6 MSEC

VIBRATION (ENERGIZED).....5 G/ 10-500 Hz

ACCELERATION.....15 G

ELECTRICAL CHARACTERISTICS

MIN.INSULATION RESISTANCE;INITIAL.....100 MEGOHMS

AFTER LIFE OR ENVIRONMENTAL.....50 MEGOHMS

DIELECTRIC WITHSTANDING VOLTAGE SEA-LEVEL 1MINUTE.....1 050 VOLTS

ALTITUDE 1MINUTE.....500 VOLTS

MAX.CONTACT DROP INITIAL.....0,15 VOLTS

AFTER LIFE TEST.....0,175 VOLTS

DUTY RATING.....50 AMP CONTINUOUS

OVERLOAD.....200 AMP FOR 1 SEC, 100 AMP FOR 20 SEC

ENDURANCE

NOMINAL LOAD RESISTIVE.....50 000 CYCLES

MECHANICAL.....500 000 CYCLES

OPERATING CHARACTERISTICS

COIL DATA

VOLTAGE RANGE.....18-32 VDC

NOMINAL VOLTAGE.....28 VDC

PICK UP VOLTAGE MAX.18 VDC FULL TEMP.RANGE

COIL RESISTANCE.....88 OHMS ±10%

COIL CURRENT MAX.....0,4 AMP

DROP OUT VOLTAGE.....≤6 VDC FULL TEMP.RANGE

TIME MILLISECONDS-MAX. MAKE CONTACT

OPERATE (MAKE TIME).....30

RELEASE.....80

BOUNCE.....8

TIME MILLISECONDS-MAX. BREAKE CONTACT

OPERATE (BREAKE TIME).....25

RELEASE.....80

BOUNCE.....8

WEIGHT.....0,4kg= 0,88 POUND MAX.

WIRE SECTION (AT NOMINAL LOAD).....MIN. 6mm / AWG 9

SUBJECT TO CHANGE

Date

Name

mm

Scale

26-72-03

Drawn

01.12.2011

Seege

General Tolerances

NSN:

Check

01.02.2012

Grind

General Tolerances

NSN:

1	K1013960	A	50AMP POWER RELAY (24/28VDC) 50AMP Leistungsrelais (24/28VDC)	1
TE ORDER-NO.	REV.	DESCRIPTION	TEM NO.	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
DIN ISO 2768 cL

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ±

4 PLC ±

ANGLES ±

FINISH

DWN
K.Seeger

01DEC2011

CHK
K.Seeger

01DEC2011

APVD
H.Walz

17JUN2014

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

50AMP POWER RELAY (24/28VDC)
50AMP Leistungsrelais (24/28VDC)

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

C=26-72-03

-

SCALE

1:1

SHEET

1 OF 1

REV

A2

1471-9 (3/13)

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