

KUMP-12AT8-24

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KUMP

TE Internal #: 7-1393116-9

Potter & Brumfield KUMP, Power Relays, Industrial Panel Plug-In,
Monostable, AC, 2 – 3VA Coil Power Rating Class, 2.8VA Coil
Power Rating AC

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Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**
Coil Magnetic System: **Monostable, AC**
Coil Power Rating Class: **[2 – 3 VA]**
Coil Power Rating AC: **2.8 VA**
Coil Resistance: **72 Ω**

Features

Product Type Features

Power Relay Type	Industrial Panel Plug-In
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	1500 – 2500 V
Insulation Initial Dielectric Between Contacts & Coil	2200 Vrms
Actuating System	AC
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Contact Limiting Making Current	15 A
Contact Limiting Short-Time Current	15 A
Contact Limiting Continuous Current	15 A
Insulation Initial Dielectric Between Adjacent Contacts	2200 Vrms
Insulation Initial Resistance	100 MΩ
Contact Limiting Breaking Current	15 A
Coil Magnetic System	Monostable, AC
	2 – 3 VA
Coil Power Rating AC	2.8 VA
Coil Resistance	72 Ω
Coil Special Features	UL Coil Insulation Class B
Coil Voltage Rating	24 VAC



Contact Switching Load (Min)	300mA @ 12V
Contact Voltage Rating	277 VAC

Body Features

Product Weight	85 g[2.988 oz]
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Contact Features

Contact Arrangement	3 Form A (NO)
Contact Current Class	10 – 20 A, 16 A
Contact Current Rating (Max)	15 A
Contact Material	AgCdO
Contact Number of Poles	3
Terminal Type	Quick Connect, Solder

Mechanical Attachment

Relay Mounting Type	Flange Mount, Panel Mount
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Dimensions

Length Class (Mechanical)	35 – 40 mm
Height Class (Mechanical)	50 – 60 mm
Width Class (Mechanical)	30 – 40 mm
Product Width	34.9 mm[1.374 in]
Product Length	38.6 mm[1.52 in]
Product Height	57.1 mm[2.248 in]

Usage Conditions

Environmental Ambient Temperature Class	0 – 50 °C
Environmental Ambient Temperature (Max)	45 °C[113 °F]
Operating Temperature Range	-45 – 45 °C

Packaging Features

Packaging Method	Package
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2021 (211)
Candidate List Declared Against: JUN 2013 (144)
SVHC > Threshold:
Not Yet Reviewed

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 8-1393116-2
KUMP-14AT8-24=KU

Also in the Series | Potter & Brumfield KUMP

Power Relays(32)

Customers Also Bought



TE Part #DTT-20-03
CRIMP TOOL

TE Part #1011-232-0305
DEUTSCH DT BACKSHELLS

TE Part #2-1564532-1
HEAVY DUTY SEALED CONNECTOR HOUSINGS

TE Part #K1007153
Toggle Switch 1-Pole, Sealed, Lever, Toggle, Plastic Lever

TE Part #YHDP26-24-35PEL017
DEUTSCH HDP20 HOUSINGS

TE Part #834936-000
Medium-Wall Heat Shrink Tubing

TE Part #2-2176245-2
CRGS1206 5% 56R

TE Part #K1002956
Toggle Switch 08-4-1-13

TE Part #160668-6
TERMINAL

TE Part #HDP24-24-16SE-L015
REC, 16P, BLK, E, THD, 12, S

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1393116-9_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1393116-9_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1393116-9_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

KUM-KUMP Series Relay Datasheet

English

Industrial Relays Quick Reference Guide

English



Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English