KUHP-5D51-24 ✔ ACTIVE

Potter & Brumfield | Potter & Brumfield KUHP

TE Internal #: 9-1393114-1

General Purpose Power Relay, DC, Monostable, 1 Form C SPDT-CO, 30 A Contact Rating, 24 VDC Coil Voltage, Potter & Brumfield KUHP

View on TE.com >

Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form C SPDT-CO**

Current Type: **DC**

Contact Current Rating: **30 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay

Configuration Features

Contact Number of Poles	1
Coil Special Features	UL Coil Insulation Class B
Contact Arrangement	1 Form C SPDT-CO

Electrical Characteristics

Contact Limiting Short-Time Current	30 A
Contact Limiting Making Current	30 A
Contact Limiting Continuous Current	30 A
Contact Limiting Breaking Current	30 A
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	3750 Vrms
Contact Switching Load (Min)	300mA @ 12V
Coil Resistance	472 Ω
Insulation Initial Resistance	100 MΩ
Contact Current Rating	30 A
Coil Voltage Rating	24 VDC
Contact Voltage Rating	240 VAC

Coil Power Rating DC	1.23 W
Insulation Initial Dielectric Between Contacts & Coil	3750 Vrms

Body Features

Product Weight	92 g[3.245 oz]
Enclosure Type	Dust Protected

Contact Features

Contact Material	Silver Cadmium Oxide

Termination Features

Main Termination & Connection Type	Quick Connect Terminals
Coil Termination & Connection Type	Quick Connect Terminals

Mechanical Attachment

Product Mounting Feature Type	Flange with Mounting Slots
Product Mount Type	Panel Mount

Dimensions

Product Width	38.89 mm[1.53 in]
Product Length	73.66 mm[2.9 in]
Product Height	35.71 mm[1.406 in]

Usage Conditions

Operating Temperature Range	-45 – 70 °C[-49 – 158 °F]
Environmental Category of Protection	RTI
Environmental Ambient Temperature (Max)	70 °C[158 °F]

Operation/Application

Coil Magnetic System	Monostable
Current Type	DC

Packaging Features

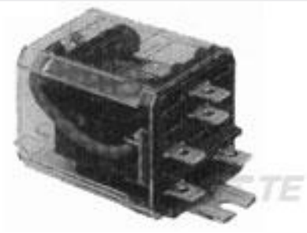
Packaging Method	Package

Other

Coil Power Rating Class	>1 – ≤1.5 W
Contact Current Class	>25 – ≤32 A
Height Class (Mechanical)	>33 – ≤45 mm[>1.299 – ≤1.772 in]
Length Class (Mechanical)	>70 mm[>2.756 in]

Width Class (Mechanical)	>33 mm[>1.299 in]

Compatible Parts

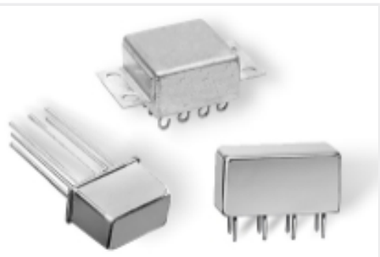


TE Part # 8-1393114-9
KUHP-5D17-24=KU

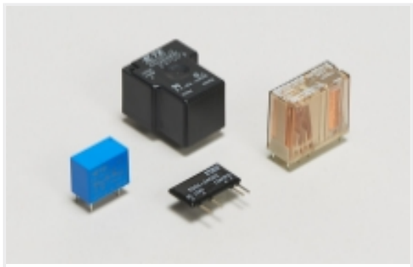


TE Part # 8-1393114-8
KUHP-5DT1-24=KU

Also in the Series | Potter & Brumfield KUHP



DC Relays(9)



General Purpose Power Relays(17)

Customers Also Bought



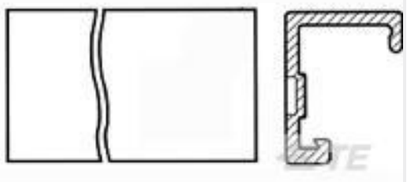
TE Part #814728-000
202A142-3/42-0



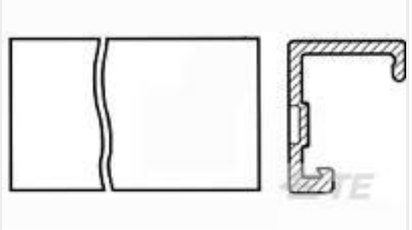
TE Part #4-640427-1
11P MTA156 CONN ASSY 20AWG YEL



TE Part #4-640427-4
14P MTA156 CONN ASSY 20AWG YEL



TE Part #1-640551-1
11P MTA156 COVER



TE Part #1-640551-4
14P MTA156 COVER



TE Part #4-1393117-5
KUP-11D15-24=KU



TE Part #5-1393144-7
K10P-11D15-24=K10/K20



TE Part #3-1393247-2
W31-X2M1G-10=W23/W31

TE Part #Y72554-17-26PAV004
HERM RECP

Documents

CAD Files

Customer View Model

ENG_CVM_9-1393114-1_0303.3d_igs.zip

English

Customer View Model

ENG_CVM_9-1393114-1_0303.3d_stp.zip

English

Customer View Model

ENG_CVM_9-1393114-1_0303.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

KUHP 30 Amp Power Relays

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

UL

English