Product data sheet

Specifications



Plug in relay, Type KF, flange mounted, 1 HP at 277 VAC, 10A resistive at 277 VAC, DPDT, 2 NO, 2 NC, 24 VAC coil

8501KFR12V14

Product availability: Stock - Normally stocked in distribution facility

Main

product range	8501K
product type	Relay
Relay Type	General purpose
mounting type	Flange
contact composition	DPDT
[Uc] control circuit voltage	24 V AC
pilot light	No indicator
manual operator	Without test button

Complementary

horsepower rating	1 hp 277 V AC 0.33 hp 120 V AC
breaking capacity	3 A 120 V AC inductive control circuit UL 508 1.5 A 240 V AC inductive control circuit UL 508 10 A 277 V AC resistive control circuit UL 508 10 A 30 V DC resistive control circuit UL 508
maximum switching voltage	300 V AC 30 V DC
contact material	Silver alloy (AgNi)
operating time	20 ms - pick-up 20 ms - drop-out
shape of pins	Spade

Environment

ambient temperature range - operational	-40…131 °F (-40…55 °C)
product certifications	UL Recognized CSA CE
Height	2.75 in (69.85 mm)
Width	1.4 in (35.6 mm)
Depth	1.4 in (35.6 mm)

Ordering and shipping details

Category	US10CP221145
Discount Schedule	0CP2

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

GTIN	785901317425
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.700 in (4.318 cm)
Package 1 Width	1.700 in (4.318 cm)
Package 1 Length	3.000 in (7.620 cm)
Package weight(Lbs)	2.880 oz (81.647 g)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**24 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.5 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**23 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.1 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	Compliant
REACh Regulation	Free of Substances of Very High Concern above the threshold
California proposition 65	**WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**70**
Circularity Profile	End of Life Information
Take-back	**No**