查询XV46D30K供应商

TELEDYNE

RELAYS

捷多邦,专业PCB打样工厂,24小时加急出货

Series XV

Single Output to 30A 420 Vac No Heat Sink, Hybrid Relay

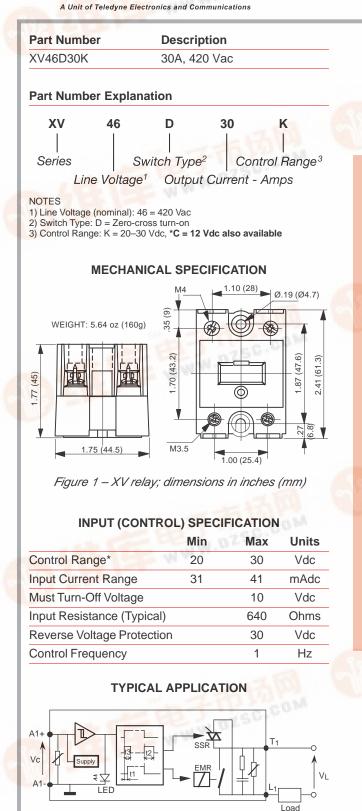


Figure 2 – XV relay

FEATURES/BENEFITS

- Industry standard package
- Combines the best of solid-state and electromechanical relays
- Tight zero-cross window for low EMI
- Control LED
- Internal output protection
- High immunity to surges

DESCRIPTION

The Series XV relay combines the best of solid-state and electromechanical technology. The relay is designed in a touch-proof hockey-puck package. The XV relay switches current up to 30A without a heat sink. Visual control status is provided as a standard. Elimination of the heat sink conserves space and makes the XV ideal for numerous applications.

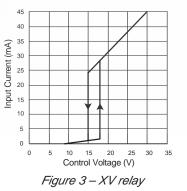
APPLICATIONS

- Interface applications
- Heating Control
- Light/Lamp control
- Contactor driver
- Fan speed control
- HVAC controls

APPROVALS

Model XV46D30K is UL recognized. UL File Number: E128555.

CONTROL CHARACTERISTIC



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Operating Temperature

Storage Temperature

Input-Output Isolation

Output-Case Isolation

Life Expectancy

A Unit of Teledyne Electronics and Communications

Series XV

OUTPUT (LOAD) SPECIFICATION			
	Min	Мах	Unit
Operating Range	12	420	Vrms
Peak Voltage		800	Vpeak
Load Current Range	0.1	30	Arms
Motor Load Current		7.5	Arms
Maximum Surge Current Rating (Non-Repetitive)			
(See Figure 4)	240	Apeak	
On-State Voltage Drop		0.3	V
Zero-Cross Window (Typical)		±12	V
Off-State Leakage Current (60Hz)		2	mA
Turn-On Time (60Hz)		12	ms
Turn-Off Time (60Hz)		20	ms
Off-State dv/dt		500	V/µs
Maximum di/dt (Non-repetitive)		50	A/µs
Operating Frequency	40	440	Hz
I ² t for fuse matching (<8.3ms)		288	A ² S

ENVIRONMENTAL SPECIFICATION

Min

-40

-40

Unit

°C °C

Vrms

V

Max

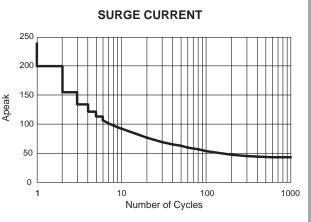
90

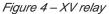
100

4000

4000

See Figure 5





LIFETIME EXPECTANCY

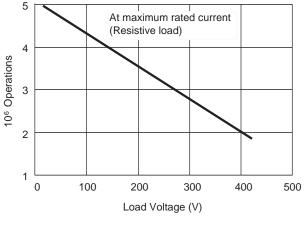


Figure 5 – XV relay

NOTES:

- Electrical Specifications at 25°C unless otherwise specified.
 For 800Hz applications, contact factory.
 For additional/custom options, contact factory.