



GENERAL DESCRIPTION

Dataprobe's AC Power Control Module, Model K-30-240VD allows AC Power to be switched on and off remotely by any remote control device that provides a contact closure or open collector relay output to operate the K-30-240VD. The K-30-240VD is compatible with Dataprobe's remote control products (Multi-Pal, Code-Pal, E-Pal, Micro Call Director and Dial Back-up Systems). A Power lamp indicates when the unit is in the ON mode and power is available to the connected device. The unit is housed in a metal NEMA electrical enclosure. Connections to a 210 - 240 VAC power source and the device to be power controlled are made on screw terminals. Connection to the control signals is via an RJ11 modular jack.

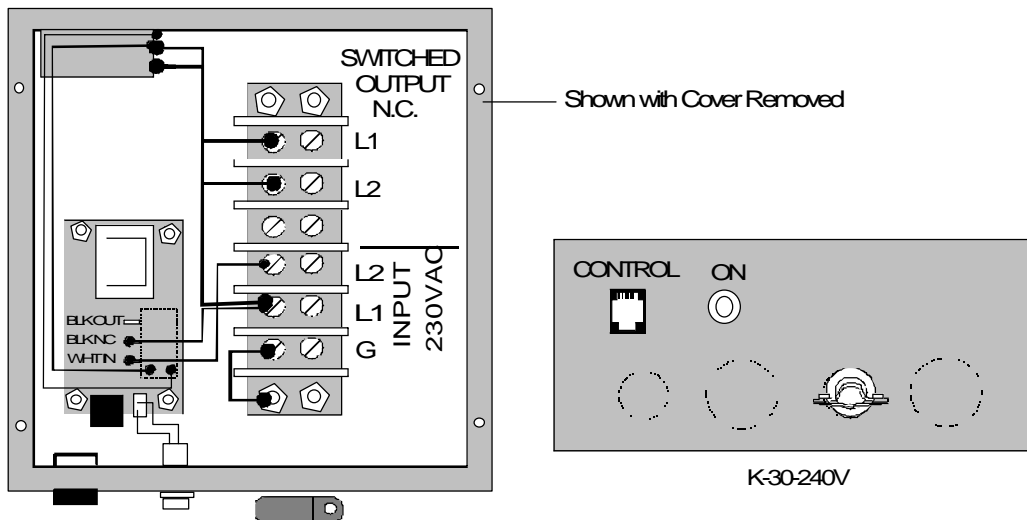
OPERATION

The K-30-240VD responds to an externally supplied contact closure or open collector relay driver. The unit is factory set to **default** to the **ON** condition. With the contacts open or driver off, or if the control cable is removed, the power will be on.

STATUS / FEEDBACK

The K-30-240VD provides positive indication of the current status of the power to the receptacle. A contact in the RJ11 connector (pin 3) is used to identify the power ON or OFF condition of the unit. An open collector output signal provides positive feedback to Dataprobe's remote control equipment, allowing the controlling device to correctly identify the current status of the K-30-240VD.

When the power is OFF, pin 3 will be open relative to ground (Pin 4). When the power is ON, this pin is shorted to ground.



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Technical Support Hotline: (201) 967-8788

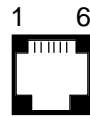


INSTALLATION AND CONFIGURATION

The following Control, Status and Feedback leads are connected using the RJ11 Type Modular Jack. A 7 foot RJ11 to RJ11 Data cable (pin to pin wiring) is supplied with the unit for connection to many of Dataprobe's remote control systems.

Control Cable Connections

RJ-11 Pinout: Pin 2 Contact Input
 Pin 5 Contact Input Common



Pins on the Modular Jack
 Read Left to Right
 When looking into Jack

Status / Feedback Cable Connections

RJ-11 Pinout: Pin 1 Tri-State Feedback (Special applications only)
 Pin 3 Feedback
 Pin 4 Signal Ground (Feedback)
 Pin 6 Not Used

Dataprobe can supply cables to interface the K-30-240VD to any of its remote control products: Those indicated support the standard RJ-11 data cable supplied with the unit.

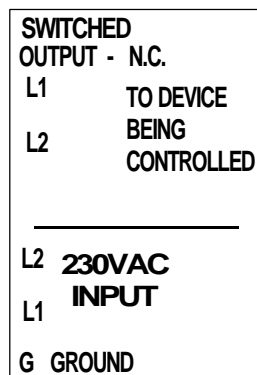
Multi-Pal	Tone Activated Switch Controller	RJ11
Code-Pal	Multiple Relay Control System	RJ11
E-pal	Ethernet Remote Control System	RJ11
Micro Call Director	Dial Line Switch with Remote Control Features	RJ11
Dial Back-up Systems Network Restoral and Remote Switching		

AC Power

Remove the top cover by removing the four perimeter screws or loosening them and sliding the cover upwards . Wire entry to the box can be made from the desired location by installing a standard 3/8 or 3/4 electrical fitting in any one of the knockouts . One fitting is supplied.

Connect the controlled device to the AC the screw terminal as labeled on terminal block inside the K-30-240VD, shown below. Make sure that the combined load of all controlled devices does not exceed 30 Amps. The K-30-240VD can be use for 240 single wire Euro (L1 = 240V, L2 = Neutral, and Ground) or 2 wire domestic (L1 =120 V, L2 = 120 V and Ground) applications

BEFORE MAKING ANY CONNECTIONS TO THE AC SOURCE: Make sure that the circuit breaker has turned OFF and that no power is present on any of the wiring being connected. Connect the 210 -240 V AC source to the K-30-240VD to lower part of the terminal block as indicated. Make sure the box is properly grounded. Follow all required local electrical codes.



SPECIFICATIONS

Model: K-30-240VD A/C Power Control Module

Physical

Height 8.00 in.
 Width 8.00 in.
 Depth 4.00 in.
 Weight 7.50 lb.

AC

Operating Voltage: 210 - 240 VAC, 50 - 60Hz. Single wire (Euro) or 2 wire (domestic)
 Connection: Screw Terminal Block,10 AWG Wire Lugs - #10 Screw
 Capacity: 240vac 30 Amps Max - Resistive Load

Fusing / Servicing

The K-30-240VD provides no fuse or surge protection to the device connected to the power outlet. All protection must be incorporated in the unit connected to it and the 120VAC service circuit providing the power. The fault protection is provided only for the internal control logic. The K-30-240VD contains **no user serviceable parts**. If a problem or malfunction does arise please contact your local representative or nearest dealer.

IMPORTANT SAFETY INSTRUCTIONS

When using this product, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product in an outdoor environment or near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in this product and the back or bottom are provided for ventilation to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. This product is equipped with a three wire grounding type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding type plug. Do not use a 3-to-2 prong adapter at the receptacle; use of this type adapter may result in risk of electrical shock and/or damage to this product.
9. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.
10. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
11. Never push objects of any kind into this product through slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electrical shock. Never spill liquid of any kind on the product.
12. To reduce the risk of electrical shock, do not disassemble this product, but take it to a qualified serviceman when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect re-assembly can cause electric shock when the appliance is subsequently used.
13. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) When the power supply cord or plug is damaged or frayed.
 - b) If liquid has been spilled into the product.
 - c) If the product has been exposed to rain or water.
 - d) If the product does not operate normally by following the operating instructions. Adjust only those controls, that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - e) If the product has been dropped or has been damaged.
 - f) If the product exhibits a distinct change in performance.
14. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
15. Do not use the telephone to report a gas leak in the vicinity of the leak.
16. Do not exceed the maximum output rating of the auxiliary power receptacle.

TECHNICAL SUPPORT, RETURNS and WARRANTY

Dataprobe Technical Support is available 8:30AM to 5:30PM ET to assist you in the installation and operation of this product. To obtain Technical Support call our Tech Support Hotline at 201- 967-8788, or Email us at tech@dataprobe.com. Please have the following information available when you call:

- Model of Product
- Serial Number
- Date of Purchase
- Name of Seller (if other than Dataprobe)

If you purchased this product through an **Authorized Dataprobe Reseller**, you should contact them first, as they may have information about the application that can more quickly answer your questions.

WARRANTY

Seller warrants this product, if used in accordance with all applicable instructions, to be free from original defects in material and workmanship for a period of One Year from the date of initial purchase. If the product should prove defective within that period, Seller will repair or replace the product, at its sole discretion.

Service under this Warranty is obtained by shipping the product (with all charges prepaid) to the address below. Seller will pay return shipping charges. Call Dataprobe Technical Service at (201) 967-8788 to receive a Return Materials Authorization (RMA) Number prior to sending any equipment back for repair. Include all cables, power supplies and proof of purchase with shipment.

THIS WARRANTY DOES NOT APPLY TO NORMAL WEAR OR TO DAMAGE RESULTING FROM ACCIDENT, MISUSE, ABUSE OR NEGLIGENCE. SELLER MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY EXPRESSLY SET FORTH HEREIN. EXCEPT TO THE EXTENT PROHIBITED BY LAW, ALL IMPLIED WARRANTIES, INCLUDING ALL WARRANTIES OF MERCHANT ABILITY OR FITNESS FOR ANY PURPOSE ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE; AND THIS WARRANTY EXPRESSLY EXCLUDES ALL INCIDENTAL AND CONSEQUENTIAL DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from jurisdictions to jurisdiction.

WARNING: The individual user should take care to determine prior to use whether this device is suitable, adequate or safe for the use intended. Since individual applications are subject to great variation, the manufacturer makes no representation or warranty as to the suitability of fitness for any specific application.

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