

# Accessories

## PBR Series PowerBASE™ Relays



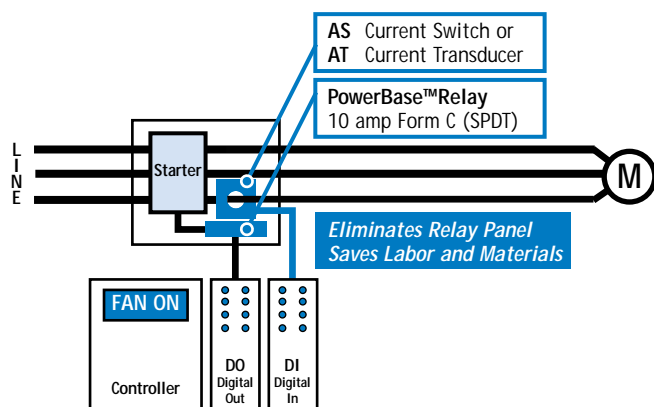
### Applications

#### Motor Control

- Switches up to NEMA Size 5 starter (200HP motor).
- Directly controls fractional HP loads.

#### Heaters and Lamp Control

- Eliminates contactors for loads to 10A.



### Ordering Information

Example: PBR-10C-24L

PowerBASE™ Relay with 10A contacts and universal 24-volt coil.

PBR	10C	—	
	10C		Coil Voltage (see Specifications)
	10A Form C		12U 12VAC/DC, Low Current
			24U 24VAC/DC, Low Current

'PBR' "PowerBASE™" Series are industrial-grade relays in a specially designed package. PBR relays quick connect to NK Technologies top terminal AS and AT series current switches and transducers. This compact combination provides added function and flexibility.

### Features

- **PowerBASE™ Relay and Current Sensor combo**
  - Acts as an 'Interposing Relay'.
  - Isolates controller from line voltage.
- **Cuts Installation Costs**
  - Installs as one item.
  - Reduces electrician's labor.
  - Eliminates need for relay panel.
- **Assembly Options**
  - Factory assembled for convenience.
  - Field assembled for flexibility.
- **UL, CUL and CE Approval**  
Accepted worldwide.

### Specifications

Contacts	<ul style="list-style-type: none"> <li>■ 10A Resistive, 7.2A Inductive @ 240VAC</li> <li>■ 1/3HP @ 240VAC</li> <li>■ 10A @ 30VDC</li> </ul>
Coils	<ul style="list-style-type: none"> <li>■ 12L: 12VAC/DC +/-30%, 18.5mA</li> <li>■ 24L: 24VAC/DC +/-30%, 10mA</li> </ul>
Dimensions	2.65"W x 1.5"D x 0.9"H, 4.5" Base
Case	UL 94 Flammability rated
Compatibility	<ul style="list-style-type: none"> <li>■ Solid Core Sensors: All "FT" case models</li> <li>■ Split Core Sensors: All "SP" case models</li> </ul>
Environmental	-4 to 122°F (20 to 60°C), 0-95% RH, non-condensing
Listings	UL 508 Industrial Control Equipment (USA & Canada), CE



**Power Supply  
DIN Rail Adapter  
Instrument Tags**

**Accessories**

*Know your power...*

*because with knowledge comes control.*

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## Power Supply

'PS' series switching power supplies provide highly regulated 24VDC for NK Technologies transmitters and switches.



### Specifications



Input	85–264VAC, 47–400Hz
DC Output	24VDC, 25W (1.05A)
DC Regulation	+/-0.2% (0.048VDC)
DC Ripple	100mV (Peak-Peak)
EMF	Meets FCC Part 15J, Class B
Dimensions	5.1" x 3.85" x 1.5", 1.5 lb. (13 x 9.8 x 3.8 cm, 700 gm)
Environmental	14 to 140°F (-10 to +60°C), 20–90% RH
Safety	UL Recognized, CE

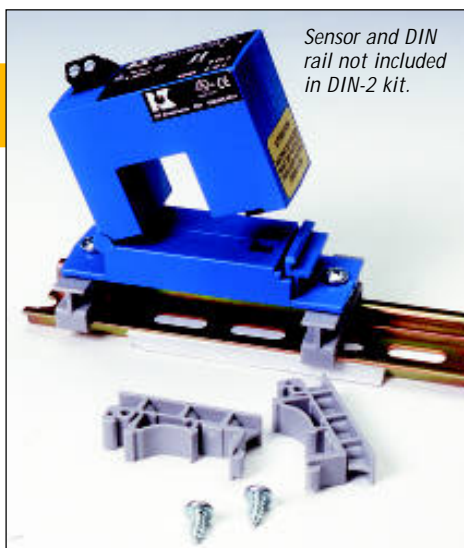


## DIN Rail Adapter

'DIN-2' adapters allow NK Technologies switches, transducers and ground fault sensors to be mounted on DIN rail.

### Specifications

Compatibility	■ "Top Hat" Type:	 35mm x 15mm, 35mm x 7.5mm
	■ "G" Type:	 32mm x 15mm
Material	UL 94V-2 Rated thermoplastic	
Temp Range	-40 to 212°F (-40 to 100°C)	



Sensor and DIN rail not included in DIN-2 kit.



## Instrument Tags

Instrument Tags allow users to individually identify each NK Technologies sensor in their system. IT Tags are permanent and non conductive. Traditional stamped stainless steel tags present a safety hazard and are not recommended for electrical sensors. Please provide a list of tag numbers with your Purchase Order.

### Specifications

Dimensions	0.5" x 1.125"
Characters	2 lines of 18 characters (8 point). Spaces and dashes count as characters.

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