

Fibre Amplifier - Product Data FZ1-KP2



For more information,
Contact sales@pyroptic.com

Description

PyrOptic Hot-Spot detection system consisting of continuous optical fibre loop passing through an array of thermal actuators called PyrOnodes. A PyrOnode activates when the connection being monitored reaches activation temperature. Activated PyrOnode severs the fibre blocking optical continuity providing instant feedback of the developing temperature issue. Optical fibre continuity is monitored via fibre amplifier either online or alarm indication checked on routine inspection basis.

Features

RiKO FZ1-KP2 fibre amplifier is a basic low cost relay used for optical loop detection up to 100m in general purpose applications like switch boards and motor control centres (MCC).

LED status lights for both power on and Hot-Spot alarm indication.

Both NPN & PNP transistor outputs for easy interfacing to the plant control system or standalone Hot-Spot alarm indication.

One relay is required per Hot-Spot detection loop which may monitor anywhere from one to literally hundreds of connections!

Product Image



Specifications

Feature	Information	Notes
Manufacturer	RiKO Opto-Electronics Tech	
Power Supply	12 to 24 Vdc $\pm 10\%$ / 5% Ripple	Consumption 40mA Max
Control Output	NPN/PNP Open collector	Loading 100mA Max
LED 1 - Power (Green)	Amplifier Power Supply Indication	On = Supply healthy
LED 2 - Alarm (Red)	Continuity Threshold / Alarm level	On = Fibre continuity healthy
Wiring	2m attached cable 4 Core/0.2mm2	
Material	ABS	Black
Dimensions	W10 x L79 x H33mm	
Weight	65g	
Ambient Temperature	-10 to +60°C	
Protection Rating	IP40	

Please contact PyrOptic sales for pricing - sales@pyroptic.com

Pricing

Order Code	Description	Qty. Cost
FZ1-KP2	RiKO Fibre Amplifier 12/24Vdc - NPN/PNP Output	POA