

# Pilot Relay

NINGI SERVICES

We set the standards

## Features:

- If the equipment is not properly earthed the pilot will prevent the operator from energizing the equipment
- The pilot relay operates over long distances allowing connection to long cables
- The pilot input is 1200Vac tolerant to protect the pilot relay against a surge from the line voltage
- The pilot relay could be utilized as a long distance (3000M) fail safe remote switch to operate any type of equipment
- The pilot wire monitor uses a robust measuring method to ensure

## Technical Specifications:

Mounting	DIN Rail mount/Panel mount
Material	Polycarbonate/Polystyrene
Size	Lx75 Wx50 Hx110 mm
Supply Voltage	110/230Vac (Selectable)
Relay Contacts	2 x NO (230Vac 5A)
Indication	2 x Led (OK, FAIL)

## Applications:

- Cable and equipment protection
- Human life protection
- Pull key monitor
- Long distance switching in hazardous areas (Exia Group 1)

## Approval:

Type Identification	TPR
Manufactured by	Ningi Services
Inspection Authority No	SAEx M/04 - 044 X
Classification	Exia I (-20°C ≤ Tamb ≤ 55°C)
SAEx Test Report No	04 - 044

## Safety Parameters:

Um = 250Vac (Transformer)  
238Vac / 5A / 100VA (Relay contacts)  
Io = 8.2mA, Uo = 46,1V, Co = 0.68uF, Lo = 200mH  
(Pilot outputs)

## Purpose:

To ensure that electrical equipment is properly earthed



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