



TDA1420-4

Alarm dialler communicating via IP

Introduction

All TDA14xx-4 Series diallers are certified as suitable for all Grade 4 systems with an Alarm Transmission System (ATS) configuration up to SP6 for single path.

TDA14xx-4 Series is based on the successful TDA14xxNG Series range of AoIP diallers with the same hardware and software used in all diallers; with the same level of security and features provided to military, governments, banks and commercial industry markets.

TDA14xx-4 Series offers a touch screen as standard for configuration, local alerts, and allows diagnostic and tests to be performed by the engineer.

Polling and alarm transmission are performed via the Ethernet for this TDA1420-4 to the monitoring center using the IRIS Secure Apps monitoring software.

All data transferred for polling and alarms is encrypted using the same security key used for authentication.

Communications with the receiver (Polling Engine) uses EN 50136-2 pass-through mode.

Package contents

- Dialler board
- Ethernet cable
- Stylus for touch screen navigation
- RJ11 cable
- 18 k Ω sense resistor for dial capture tamper detection

TDA1420-4

Alarm dialler communicating via IP

Technical specifications

General

| | |
|--------------|------------------------------|
| Product line | Advisor Advanced, ATS Master |
|--------------|------------------------------|

Network

| | |
|-------------------|----|
| Communicator type | IP |
|-------------------|----|

Reporting

| | |
|---------------------|-----|
| Reporting protocols | SIA |
|---------------------|-----|

| | |
|---------------------|---------------------------|
| Supported receivers | IRIS Secure Apps (Chiron) |
|---------------------|---------------------------|

Interfaces

| | |
|----------|---|
| Ethernet | RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface |
|----------|---|

| | |
|---------|---------------|
| Antenna | Yes, included |
|---------|---------------|

Input/Output

| | |
|--------|---|
| Inputs | 4 standard pins and 12 with add-on daughter board |
|--------|---|

Electrical

| | |
|-------------------|--------------|
| Operating voltage | 9 to 28 V DC |
|-------------------|--------------|

| | |
|---------------------|-----------------|
| Current consumption | 153mA at 12 VDC |
|---------------------|-----------------|

Physical

| | |
|---------------------|---------------|
| Physical dimensions | 15 cm x 11 cm |
|---------------------|---------------|

| | |
|------------|-------|
| Net weight | 300 g |
|------------|-------|

| | |
|-----------------|-------|
| Shipping weight | 500 g |
|-----------------|-------|

Environmental

| | |
|-----------------------|--------------|
| Operating temperature | -10 to +55°C |
|-----------------------|--------------|

| | |
|-------------------|--------------------------|
| Relative humidity | 95% max., non-condensing |
|-------------------|--------------------------|

Standards & regulation

| | |
|------------|----|
| Compliance | CE |
|------------|----|

| | |
|---------------|------------------|
| Certification | EN50131, EN54-21 |
|---------------|------------------|



As a company of innovation, Carrier Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

Last updated on 23 July 2021 - 10:49