HIMATRIX SAFETY SYSTEM

# Product Data Sheet

## HIMatrix F1 DI 1601 SILworX

HIMatrix safety-related remote input module

| FUNCTION | FAMILY | ORIGIN | WEIGHT |
|---|---|---|---|
| **HIMatrix safety-related remote input mo** | **HIMatrix safety system** | **Germany** | **0.70 kg** |

HIMA HIMatrix F1 DI 1601 SILworX is a HIMatrix safety-related remote input module for the HIMatrix safety system. The values below are limited to the exact documented article.

## 01 VERIFIED TECHNICAL DATA

| | |
|---|---|
| System family | HIMatrix |
| HIMA designation | F1 DI 16 01 SILworX |
| HIMA part number | 98 2200479 |
| Safety-related inputs | 16 digital inputs |
| Pulsed outputs | 4 outputs for line control |
| Programming environment | SILworX |
| Communication protocol | safeethernet |
| Ethernet interfaces | 2 RJ-45 ports |
| Ethernet transmission | 10/100Base-T half or full duplex |
| Line monitoring | Configurable cross-circuit and open-circuit detection |

## 02 ADDITIONAL PRODUCT DATA

| | |
|---|---|
| Supply voltage | 24 V DC |
| Maximum current input | 0.8 A |
| Operating temperature | 0 to 60 °C |
| Storage temperature | -40 to 85 °C |
| Protection rating | IP20 |

## 03 OFFICIAL APPLICATIONS

- Industrial production systems: Documented product integration
- Utility and process facilities: Exact-model maintenance support
- Building and plant systems: Controlled replacement planning

## 04 SYSTEM COMPATIBILITY

Match HIMatrix F1 DI 1601 SILworX to the installed HIMatrix safety system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## 05 OFFICIAL SOURCES

**HIMA HI 800 153 E F1 DI 16 01 manual**

HIMA manufacturer manual HI 800 153 E

**AMIKON PRODUCT SUPPORT**

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