

## CTP and CTP Extended RFID Locking Safety Gate Switch

### Selection Guide

Flexible design with many options provides easy integration and highest reliability for a variety of different applications, improving safety while saving time and money.



#### CTP RFID Locking Safety Gate Switch

- Up to Category 4/PLe per EN ISO 13849-1
- Medium Duty - metal head with a reinforced thermoplastic body
- Locking force rating of up to 3,000N
- Ingress Protection Rating IP67/IP69/IP69K

- RFID high coded solution
- Guard lock monitoring – OSSD Safety Outputs
- Diagnostic information provided via LED's
- Actuator sold separately

#### CTP Extended RFID Locking Safety Gate Switch

- Up to Category 4/PLe per EN ISO 13849-1
- Medium Duty - metal head with a reinforced thermoplastic body
- Locking force rating of up to 3,000N
- Ingress Protection Rating IP65
- RFID high coded solution

- Guard lock monitoring – OSSD Safety Outputs
- Diagnostic information provided via LED's
- ESTOP Push Button, 2 Illuminated Push Buttons
- Includes lens set allowing user-defined push button color and functionality



### Step 1 Determine Application Requirements

#### Which switch variation will be required?

- AP – Wiring each switch individually to a PLC Safety Input or Safety Relay
- AR – Wiring multiple switches in series to a PLC Safety Input or Safety Relay

#### What locking principle is required?

- Power To Unlock
- Power To Lock

#### Will an escape release be required?

- Full body application – Escape Release is typically
- Partial body application – Escape Release may not be required

#### Select Accessories

- Improves Reliability
- Provides Additional Functionality

### Step 3 Select Accessories

Steel Slide Bolt - Includes Actuator



Without Escape Release  
123653



Without Escape Release  
123655

Actuators



122667



126015



Hinged Actuators Available

PVC cables: Straight Connector M12 Female

5 Pin	8 Pin
5m: 100183	5m: 100177
10m: 100184	10m: 100178
20m: 100185	20m: 100179

PUR Cables Available

PUR cables: Straight M23 19 Pin Female

3m: 092816	20m: 092726
6m: 077014	25m: 092727
8m: 077015	30m: 095993
10m: 092898	40m: 102490

### Step 2 Determine Switch Part Number

#### CTP RFID Locking Safety Gate Switch

##### AP Version

Switch is wired individually to a Safety PLC, Safety Controller or Safety Relay M12 Male 8 Pin Connector

Without Escape Release	Locking Principle	With Escape Release
<b>124225</b>	Power To Unlock	<b>126912</b>
<b>124728</b>	Power To Lock	<b>136841</b>

##### AR Version

Switches can be wired in series to a Safety PLC, Safety Controller or Safety Relay M12 Male 8 Pin Connector and M12 Male 5 Pin Connector

Without Escape Release	Locking Principle	With Escape Release
<b>122812</b>	Power To Unlock	<b>122813</b>
<b>122814</b>	Power To Lock	<b>Call for Options</b>

Wiring switches in series – Contact the Applications Team for Assistance

#### CTP Extended RFID Locking Safety Gate Switch

##### AP Version

Switch is wired individually to a Safety PLC, Safety Controller or Safety Relay M23 Male 19 Pin Connector

Without Escape Release	Locking Principle	With Escape Release
<b>156056</b>	Power To Unlock	<b>Call for Options</b>

##### AR Version

Switches can be wired in series to a Safety PLC, Safety Controller or Safety Relay M23 Male 19 Pin Connector

Without Escape Release	Locking Principle	With Escape Release
<b>126874</b>	Power To Unlock	<b>137164</b>
<b>137165</b>	Power To Lock	<b>159112</b>

Wiring switches in series – Contact the Applications Team for Assistance

Click here if you need to integrate a Safety Relay or Safety Controller in your application

Scan the QR code



for more information

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