

Gate Timer



Part: TFC-CS-TCB

The TFC Gate Timer Control Box provides the ability to turn on a light, siren or other warning devices when the Cross-SAFE Gate is opened. The built in timer will keep the warning device on for an adjustable period of 1-60 seconds.

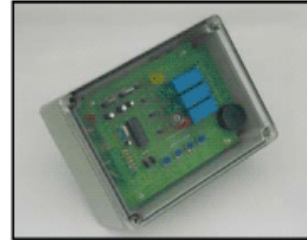
Uses include:

- Providing a warning to notify when a pedestrian is crossing at a designated point.
- Providing a warning when a gate, or any other switch connected to the Control Box is activated

Gate Timer Control Box Specifications:

Supply Voltage @ 12-15V DC
 Dimensions @ 124 (122 min) x 164 x 75mm
 Temperature @ -20 to +60 degrees Celsius
 Enclosure Rating @ IP54
 Sensor Inputs @ 1 Sensors. N/C or N/O type
Output Switch
 N/O @ 20A
 N/C @ 10A (Dry Contact Relay)
Status LED's
 Power ON (RED)
 Activated (RED)
Controls
 Timer adjustable relay operation 1-60 seconds

Direction Analyser



Part: TFC-DA

The TFC Direction Analyser uses 2 inputs from sensors to determine which direction an object (vehicle, person, etc) is traveling in. Once detected, an output can be activated (light, siren) for either a preset amount of time or until it is detected that the object has triggered the sensors in the opposite direction (i.e. reversed direction)

Uses include:

- Walkways to warn when a pedestrian is entering a crossing
- Driveways to warn when a vehicle is entering an area
- Anywhere that notification of a direction is required

Direction Analyser Specifications:

Supply Voltage @ 12-15V DC
 Dimensions @ 124(W)x164(H)x75(D)mm
 Temperature @ -20 to +60 degrees Celsius
 Enclosure Rating @ IP64
 Sensor Inputs @ 2 Sensors. N/C type
Output Switch
 10Amp Max. (Dry Contact Relay)
 2 relays, N/O and N/C.
Alarm Output
 LED/Buzzer. Optional 10Amp relay built-in
 Sensor disconnect and/or Sensor blocked
Status LED's
 Power ON (Mini RED)
 Activity Detected (Large YELLOW)
 Relay Active (Large GREEN)
 Alarm Triggered (Large RED)
Controls
 Independent sensor reset time 0-15 seconds
 Independent relay operation time 0-60 seconds
 Simultaneous entry detection
 Single direction selectable
 Latching of relay selectable

Power Supply



Part: TFC-PS-12/1

Desc: 12V DC 1A Power Supply



Part: TFC-PS-12/4

Desc: 12V DC 4A Power Supply
 Includes 2m IEC Power Cable.

PLC Controls

Controlling the Traffic Flow of your facility can be completed in a number of different methods.

- Do Vehicles or Pedestrians have priority?
- Are crossings automated or manually controlled?
- Do additional devices such as rapid roller doors, boom gates, or other items need to be inter-linked?

Because the solutions can be simple or complex, Fork-SAFE provides a complete PLC building & programming service design to suit your specific applications.



Flexibility

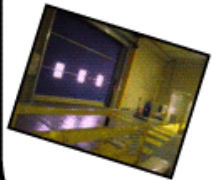
With the flexibility of the combination of the TFC Series and the custom control cabinets, endless solutions are possible that will create a safe working environment for your facility.



Here are some examples of how some customers have used this flexibility:



- Interlocking of Cross-SAFE Gates when a vehicle is crossing the walkway.
- Providing a warning light and interlocked rapid roller door when a pedestrian is crossing via the Cross-SAFE Gate.
- Controlling the Cross-SAFE Automated Gates to open/close upon request, or by monitoring sensors of when the area is clear.
- Using inputs from various sensors to provide visual, audible, or interlocked warnings as to when a vehicle or pedestrian is present.
- Controlling when Boom Gates are allowed to raise or lower based on whether there is a pedestrian or vehicle present.
- The ability to interlink with numerous controls or devices (loading docks, alarm systems, etc) that your facility already has to provide a totally integrated system.



Customise

Fork-SAFE also provides custom built controls to suit your specific requirements.

The safety of your site is specific, so it makes sense to use a system that meets your needs.

