

# LOCAL CONTROLLER



ADDITIONAL  
SAFETY WITH  
REDUCED  
INSTALLATION  
COSTS

ENABLES LOCAL  
CONTROL OF  
THE EMERGENCY  
LIGHTS IN CENTRAL  
BATTERY SYSTEMS



Local Controller enables the local control of emergency lights in central battery system. It monitors the electrical network by each fuse box and controls the local emergency lights.

Local Controller allows that the emergency lights are switched on, if irregularities occur in the power supply of the normal lighting. Maintained and non-maintained emergency lights can be connected to the same circuit cable.

## Here's how it works

Local Controller is installed to the circuit cable of the emergency lights, before the emergency lights. Voltage data is brought from the fuse box of the area to Local Controller, and it senses the phases of the fuse box. When the phases have deficiencies, the data is transmitted via the Local Controller to the non-maintained emergency lights and they will be switched on. After the normal electrical network has returned, the emergency lights operate for about 20 seconds, after which they are switched off automatically (if the delay is set to 0 minutes).

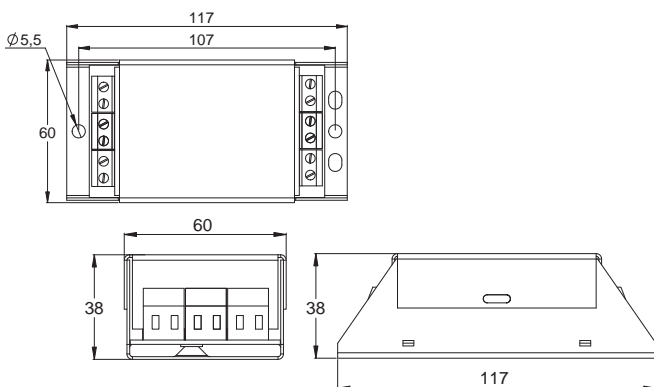
## Power failure messages in real time

TST6804 and TST6805 devices also have a switch control input, trimmer or DIP switch. They control how long the luminaires stay on after return of normal input (0-15 minutes).

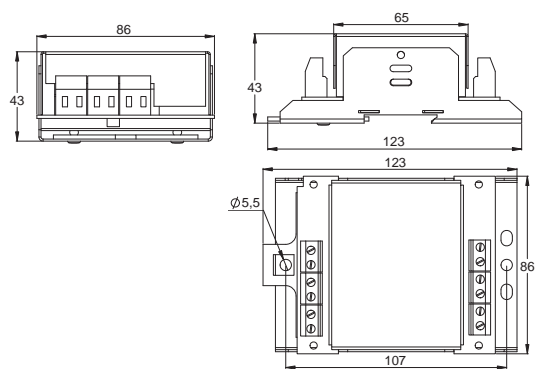
The relay output of the device can also be used to alert of a local power failure.

The non-maintained emergency lights in the Local Controller system must be addressable, with the letter K at the end of the type code.

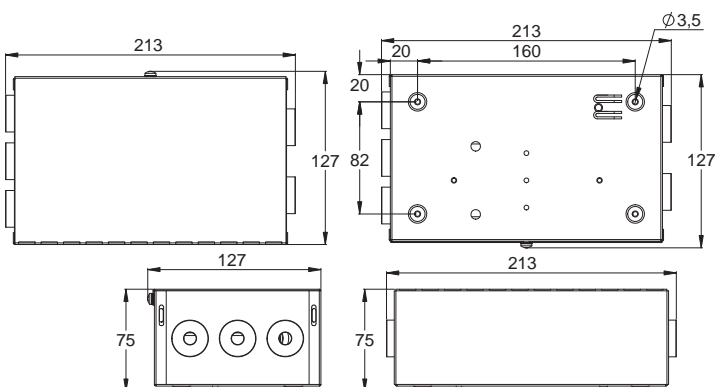
TS90685, TS90695



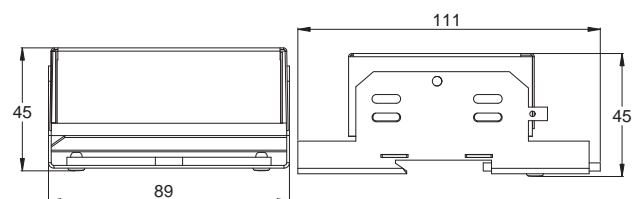
TST6801, TST6803



TS90686, TS90696, TST6802, TST6804

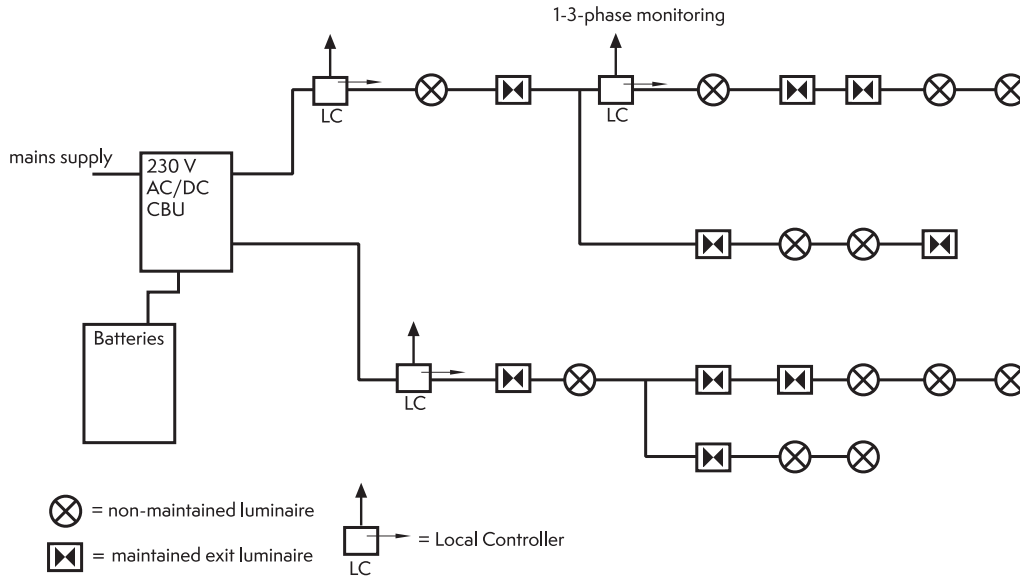


TST6805



## SYSTEM DESCRIPTION OF LOCAL CONTROLLER

Install Local Controller in the circuit cabling before the monitored emergency lights. Voltage information is brought from the fuse box of the area.



## LOCAL CONTROLLER

Product code	Input voltage	Power	Installation	Features
TS90685	220-240 V, 50/60 Hz AC,DC	250 VA	Inside a distribution panel	<ul style="list-style-type: none"> <li>1-3-phase monitoring,</li> <li>Controlling the non-maintained lights through the supply cabling</li> </ul>
TS90686	220-240 V, 50/60 Hz AC,DC	250 VA	With the junction box enclosure (IP20) for independent installation	<ul style="list-style-type: none"> <li>1-3-phase monitoring,</li> <li>Controlling the non-maintained lights through the supply cabling</li> </ul>
TS90695	220-240 V, 50/60 Hz AC,DC	250 VA	Inside a distribution panel	<ul style="list-style-type: none"> <li>1-3-phase monitoring /230 V control input,</li> <li>Controlling the non-maintained lights through the supply cabling,</li> <li>Switch control input,</li> <li>Relay contact output from 1-3-phase monitoring (NC/NO),</li> <li>0-15 min adjustable delay for return to mains operations</li> </ul>
TS90696	220-240 V, 50/60 Hz AC,DC	250 VA	With the junction box enclosure (IP20) for independent installation	<ul style="list-style-type: none"> <li>1-3-phase monitoring /230 V control input,</li> <li>Controlling the non-maintained lights through the supply cabling,</li> <li>Switch control input,</li> <li>Relay contact output from 1-3-phase monitoring (NC/NO)</li> <li>0-15 min adjustable delay for return to mains operations</li> </ul>
TST6801	220-240 V, 50/60 Hz AC,DC	1400 VA	Inside a distribution panel, DIN rail compatible	<ul style="list-style-type: none"> <li>1-3-phase monitoring /230 V control input,</li> <li>Controlling the non-maintained lights through the supply cabling</li> </ul>
TST6802	220-240 V, 50/60 Hz AC,DC	1400 VA	With the junction box enclosure (IP20) for independent installation	<ul style="list-style-type: none"> <li>1-3-phase monitoring /230 V control input,</li> <li>Controlling the non-maintained lights through the supply cabling</li> </ul>
TST6803	220-240 V, 50/60 Hz AC,DC	1400 VA	Inside a distribution panel	<ul style="list-style-type: none"> <li>1-3-phase monitoring /230 V control input,</li> <li>Controlling the non-maintained lights through the supply cabling,</li> <li>Switch control input,</li> <li>Relay contact output from 1-3-phase monitoring (NC/NO),</li> <li>0-15 min adjustable delay for return to mains operations</li> </ul>
TST6804	220-240 V, 50/60 Hz AC,DC	1400 VA	With the junction box enclosure (IP20) for independent installation	<ul style="list-style-type: none"> <li>1-3-phase monitoring /230 V control input,</li> <li>Controlling the non-maintained lights through the supply cabling,</li> <li>Switch control input,</li> <li>Relay contact output from 1/3-phase monitoring (NC/NO)</li> <li>0-15 min adjustable delay for return to mains operations</li> </ul>
TST6805	220-240 V, 50/60 Hz AC,DC	1400 VA	Inside a distribution panel	<ul style="list-style-type: none"> <li>Intelligent Controller (IC) compatible,</li> <li>1-3-phase monitoring /230 V control input,</li> <li>Controlling the non-maintained lights through the supply cabling,</li> <li>Switch control input,</li> <li>Relay contact output from 1-3-phase monitoring (NC/NO),</li> <li>0-15 min adjustable delay for return to mains operations with 1 minute spacing with DIP Switch</li> </ul>