SmartStix I/O

CsCAN Fieldbus I/O

Local or Remote

Compact Size

Fast Response Times

Reduced Wiring

DIN Rail Mountable

SmartStix I/O

A New I/O for OCS

SmartStix I/O is a new terminal-block style I/O for the Operator Control Station (OCS). It can be used to expand the I/O capacity of any OCS and it is very cost effective as remote digital I/O. Because SmartStix I/O connects to any OCS CsCAN network port, it can be combined with our SmartStack I/O to provide the best I/O selection for the application.

Compact, DIN-rail Mounted

SmartStix I/O is extremely compact. For example, it provides 16 digital I/O in a package only 39mm deep and a footprint of 50mm x 116mm or 32 points in only 50mm x 177mm. With its small footprint, SmartStix I/O takes up very little panel space whether located in the main control panel or tucked away in a remote location. SmartStix I/O has a barrier style terminal strip and is designed to be mounted on a DIN-rail.

Expands I/O Capacity, Local or Remote

From the miniOCS* to the Colour-Touchscreen OCS, SmartStix I/O easily expands the I/O capacity of any OCS utilising the CsCAN network port available with every model. It is especially cost effective when added to a MiniOCS. SmartStix I/O offers fast response times without sacrificing robustness, with no need for a costly I/O interface unit. In addition to its peer-to-peer capabilities, CsCAN is used as a highly efficient method of distributing SmartStix I/O up to 500m** away.

Easy to Setup—Easy to Configure

Time and complexity to configure most Remote I/O systems is often a drawback. SmartStix I/O greatly reduces setup time. Just assign a unique ID to the I/O module using the integrated rotary switches, connect a 5-wire shielded cable, and add a single, simple function block to your Cscape control program. You'll be up and running in no time.

MiniOCS
with integral I/O
plus SmartStix Remote I/O

OCS100/200/250
with Local SmartStack I/O
plus SmartStix Remote I/O

Color-Touch OCS
with FOX Expansion I/O
plus SmartStix Remote I/O

* Optional CsCAN port required for miniOCS.
** Maximum distance is 500m per segment, with up to 1500m possible using repeaters.

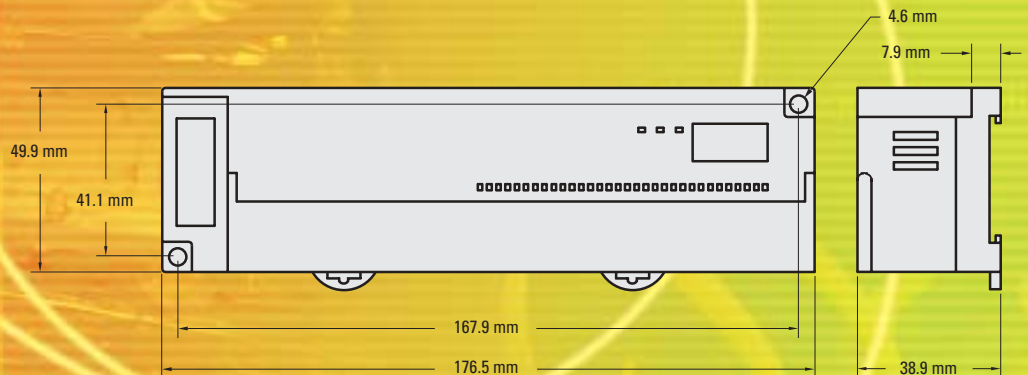**HORNER**
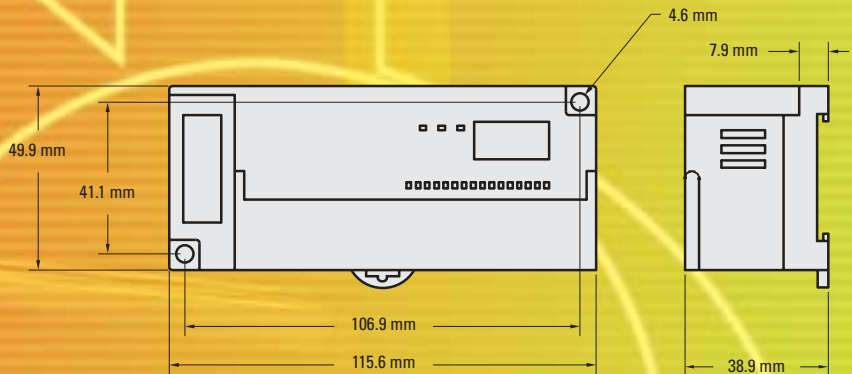**APG**

Specifications

Item	Specification
Bus Protocol	CsCAN (Control station Controller Area Network)
Input Data Mechanism	Global Data (change-of-state & periodic)
Output Data Mechanism	Directed Data (change-of-state & periodic)
Bus Connector	5-position Terminal Strip
Maximum Distance	500m per segment; 4 segments max.
Maximum Number of Nodes	253
Module Configuration Method	Module ID, set using Rotary Switches (2)
LED Indication	I/O Status (one per point); Power, Module Status, Network Status

32 pt SmartStix Module

Easily Expands I/O Capacity

Easy Setup

4.6 mm
7.9 mm
49.9 mm
41.1 mm
106.9 mm
115.6 mm
38.9 mm

Other Fieldbus Models Available

DeviceNet.

MODBUS

4.6 mm
7.9 mm
49.9 mm
41.1 mm
167.9 mm
176.5 mm
38.9 mm

Part Numbers	Description
HE550DIM610	16 DC Inputs (24vdc, pos/neg logic).
HE550DIM710	32 DC Inputs (24vdc, pos/neg logic).
HE550DQM601	16 DC Outputs (24vdc, neg logic, 0.1A)
HE550DQM701	32 DC Outputs (24vdc, neg logic, 0.1A)
HE550DQM602	16 Relay Outputs (250vac, 30vdc, 2.0A)
HE550DIQ811	16 DC Inputs (24vdc, pos/neg logic) and 16 DC Outputs (24vdc, neg logic, 0.1A)

Please check www.horner-apg.com for full model listing

Sales Support Centre - Europe

Horner Ireland Limited
Unit1, Centrepoint, Centre Park Road,
Cork, Ireland.

Tel: +353 21-4321-266
Fax: +353 21-4321-826

www.horner-apg.com
Email: sales@horner-apg.com

HORNER
APG