

# Signaling Solutions



A Complete Portfolio for Optimized Monitoring



## Signaling



LISTEN.  
THINK.  
SOLVE.®



Allen-Bradley® quality signaling solutions from Rockwell Automation can help you achieve your plant floor goals with efficient control and automatic monitoring. Whether you're trying to improve your operational efficiency, avoid costly breakdowns, prevent material shortages or make your manufacturing environment safer, our wide variety of signaling products can help you maintain timely production schedules while meeting your toughest automation challenges.

## Quality signaling solutions.









The products in our vast catalog of signaling solutions are designed for fast, flexible and easy installation to save you time with advanced modular assembly and unparalleled performance and reliability.

Focus on safety and improve your productivity with Allen-Bradley signaling solutions. Your plant operations are far too important to risk.



# Signaling Solutions: Applications

The Allen-Bradley signaling solutions portfolio covers a variety of products to meet your application needs. Whether your application requires single- or multi-status indication, light, sound, or light and sound combined, Rockwell Automation has the ideal signaling solution in the color, size, voltage, operating mode and environmental tolerance for your application. All products are cULus listed and CE marked for indoor and outdoor use and offer a wide selection of mounting options to meet your application requirements.

Tower Lights and Wall Mount Signal Lights	TYPICAL APPLICATIONS:	FEATURES:
	<p data-bbox="475 659 727 741">PROCESS AND MACHINE MULTI-STATUS INDICATION</p> 	<ul data-bbox="1167 621 1479 785" style="list-style-type: none"> <li>• cULus listed and CE marked</li> <li>• LED (steady/flashing/rotating/strobe/multi-flash strobe)</li> <li>• Incandescent</li> <li>• Xenon tube (strobe)</li> <li>• Rated for indoor and outdoor use</li> <li>• Unlimited mounting orientations</li> </ul>
Beacons	<p data-bbox="461 926 740 978">HIGH-VISIBILITY WARNING AND STATUS INDICATION</p> 	<ul data-bbox="1167 890 1511 984" style="list-style-type: none"> <li>• Halogen bulb (steady/flashing/rotating)</li> <li>• LED (steady/flashing/strobe/multi-color)</li> <li>• Xenon tube (strobe)</li> <li>• Surface, tube and half-inch NPT mounting</li> </ul>
Panel Alarms	<p data-bbox="505 1163 680 1215">CONTROL PANEL INDICATION</p> 	<ul data-bbox="1167 1131 1487 1226" style="list-style-type: none"> <li>• Mount in a standard 22.5 mm hole</li> <li>• Ingress protection rating 4/4X/13, IP65</li> <li>• Enclosed front design</li> <li>• Visual, audio or combined indication</li> </ul>
Panel Light Bar	<p data-bbox="513 1394 672 1472">CONTROL CABINET ILLUMINATION</p> 	<ul data-bbox="1167 1362 1528 1482" style="list-style-type: none"> <li>• Maintenance-free LED technology</li> <li>• cULus listed</li> <li>• Low energy consumption</li> <li>• Longer life than fluorescent solutions</li> <li>• High-output LEDs for unmatched brightness</li> </ul>
Horns	<p data-bbox="492 1631 683 1709">WARNING/STATUS AUDIBLE ANNUNCIATION</p> 	<ul data-bbox="1167 1610 1451 1724" style="list-style-type: none"> <li>• Multi-tone and voice playback capabilities</li> <li>• Visualization option for enhanced industrial applications</li> <li>• Multi-stage operation</li> </ul>
Hazardous Location	<p data-bbox="472 1871 727 1948">VISUAL AND AUDIBLE WARNING INDICATION FOR HAZARDOUS AREAS</p> 	<ul data-bbox="1167 1854 1487 1948" style="list-style-type: none"> <li>• Prewired for ease of installation</li> <li>• Ingress protection rating 4/4X/13, IP66</li> <li>• Lightweight, corrosion-free construction</li> </ul>

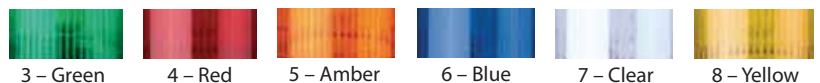
## Control Tower™ Tower Lights

- Designed to communicate application status, alerting you to critical equipment and system needs on the plant floor
- Available in a wide variety of optical and acoustical functions, sizes, colors, voltages, and mounting options
- Help monitor some of your most challenging control panel and on-machine applications
- Can be pre-assembled to save time or ordered as separate light and sound modules for customized field assembly
- UL Type 4/4X/13, IP65 (indoor/outdoor) for 30, 50 and 70 mm models
- cULus, CE
- UL Type 4/4X/13, IP66 (indoor/outdoor) for 40 and 60 mm models



	70 mm Ø	60 mm Ø	50 mm Ø	40 mm Ø	30 mm Ø	Wall Mount
	855T	854K	855E	854J	855D	855W
ILLUMINATION OPTIONS	<ul style="list-style-type: none"> <li>• Incandescent bulb (steady/flashing)</li> <li>• LED (steady/flashing/rotating/combination with sound)</li> <li>• Xenon tube (strobe)</li> </ul>	<ul style="list-style-type: none"> <li>• Incandescent bulb (steady)</li> <li>• LED (steady/flashing/strobe/multi-flash)</li> </ul>	<ul style="list-style-type: none"> <li>• Incandescent bulb (steady/flashing)</li> <li>• LED (steady/flashing)</li> <li>• Xenon tube (strobe)</li> </ul>	<ul style="list-style-type: none"> <li>• Incandescent bulb (steady)</li> <li>• LED (steady/flashing/strobe)</li> </ul>	<ul style="list-style-type: none"> <li>• LED (steady/flashing)</li> </ul>	<ul style="list-style-type: none"> <li>• LED (steady/flashing)</li> </ul>
MOUNTING OPTIONS	<ul style="list-style-type: none"> <li>• Pole</li> <li>• Quick release</li> <li>• Surface</li> <li>• Tube</li> <li>• Vertical</li> </ul>	<ul style="list-style-type: none"> <li>• Pole</li> <li>• Quick release</li> <li>• Surface</li> <li>• Tube</li> <li>• Vertical</li> <li>• Double-sided base</li> <li>• Half-inch NPT base</li> </ul>	<ul style="list-style-type: none"> <li>• Pole</li> <li>• Quick release</li> <li>• Surface</li> <li>• Tube</li> <li>• Vertical</li> </ul>	<ul style="list-style-type: none"> <li>• Pole</li> <li>• Quick release</li> <li>• Surface</li> <li>• Tube</li> <li>• Vertical</li> <li>• Double-sided base</li> <li>• Half-inch NPT base</li> </ul>	<ul style="list-style-type: none"> <li>• Pole</li> <li>• Quick release</li> <li>• Surface</li> <li>• Tube</li> <li>• Vertical</li> </ul>	<ul style="list-style-type: none"> <li>• Surface</li> </ul>
SOUND OPTIONS	<ul style="list-style-type: none"> <li>• Piezo single tone</li> <li>• Piezo dual tone</li> <li>• Transducer single tone</li> <li>• Transducer dual tone</li> </ul>	<ul style="list-style-type: none"> <li>• Piezo single tone</li> </ul>	<ul style="list-style-type: none"> <li>• Piezo single tone</li> <li>• Piezo dual tone</li> </ul>	<ul style="list-style-type: none"> <li>• Piezo single tone</li> </ul>	<ul style="list-style-type: none"> <li>• Piezo single tone</li> <li>• Piezo dual tone</li> </ul>	<ul style="list-style-type: none"> <li>• Piezo single tone</li> </ul>
HOUSING COLORS	<ul style="list-style-type: none"> <li>• Black</li> <li>• Gray</li> </ul>	<ul style="list-style-type: none"> <li>• Black</li> </ul>	<ul style="list-style-type: none"> <li>• Black</li> <li>• Gray</li> </ul>	<ul style="list-style-type: none"> <li>• Black</li> </ul>	<ul style="list-style-type: none"> <li>• Black</li> <li>• Gray</li> </ul>	<ul style="list-style-type: none"> <li>• Chrome</li> <li>• Gray</li> </ul>
CONNECTIVITY	<ul style="list-style-type: none"> <li>• DeviceNet</li> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>
VOLTAGE OPTIONS	<ul style="list-style-type: none"> <li>• 12V DC</li> <li>• 24V DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 24V DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 12V DC</li> <li>• 24V DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 24V DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 24V DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 24V DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>

### Lens Color Options



## Industrial Beacons

- Easy-to-install, modular beacons offer steady halogen, flashing halogen, xenon strobe, rotating halogen, and LED technology
- Provide highly visible strobe light to indicate areas requiring attention
- Available in a wide range of mounting options, voltages, sizes and colors to fit virtually any application
- UL Type 4/4X/13, IP65 (indoor/outdoor)
- UL Type 3R, IP66 (855B-GMS)
- cULus, CE



	90 mm Ø	120 mm Ø	160 mm Ø	Square
	855BS	855BM	855BL	855B-GMS
ILLUMINATION OPTIONS	<ul style="list-style-type: none"> <li>• Halogen bulb (steady/ flashing/rotating)</li> <li>• LED (steady/flashing/ strobe/3-color)</li> <li>• Xenon tube (strobe)</li> </ul>	<ul style="list-style-type: none"> <li>• Halogen bulb (steady/ flashing/rotating)</li> <li>• Xenon tube (strobe)</li> </ul>	<ul style="list-style-type: none"> <li>• Halogen bulb (steady/ flashing/rotating)</li> <li>• Xenon tube (strobe)</li> </ul>	<ul style="list-style-type: none"> <li>• Xenon tube (strobe)</li> </ul>
MOUNTING OPTIONS	<ul style="list-style-type: none"> <li>• Surface</li> <li>• NPT conduit</li> <li>• Tube</li> </ul>	<ul style="list-style-type: none"> <li>• Surface</li> <li>• NPT conduit</li> <li>• Tube</li> </ul>	<ul style="list-style-type: none"> <li>• Surface</li> <li>• NPT conduit</li> <li>• Tube</li> </ul>	<ul style="list-style-type: none"> <li>• Surface</li> </ul>
VOLTAGE OPTIONS	<ul style="list-style-type: none"> <li>• 12V AC/DC</li> <li>• 24V AC/DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 12V AC/DC</li> <li>• 24V AC/DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 12V AC/DC</li> <li>• 24V AC/DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 24V AC/DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>

## Panel Mount Alarms

- Enhance space efficiency with devices ready to be installed in a control panel
- Devices include sounders, LED beacons, xenon strobes, and sounders with LED combination, as well as dual-circuit alarms
- Significantly reduce panel space requirements and installation time
- Devices are rear securing and finger safe, adding a high level of environmental integrity to your panel
- UL Type 4/4X/13, IP65 (indoor/outdoor)
- 22.5 mm hole or 30.5 mm with adapter
- cULus, CE



	SINGLE STATUS				DUAL STATUS
	855P	855PB	855PS	855PC	855PD
INDICATION TYPE	<ul style="list-style-type: none"> <li>• Sounder (steady/pulsing)</li> </ul>	<ul style="list-style-type: none"> <li>• LED (steady/ flashing)</li> </ul>	<ul style="list-style-type: none"> <li>• Xenon tube (strobe)</li> </ul>	<ul style="list-style-type: none"> <li>• Synchronized sounder and LED combination (steady/flashing)</li> </ul>	<ul style="list-style-type: none"> <li>• LED and sounder combination</li> <li>• LED (steady/flashing) with 2-color full lens or half lens with barrier</li> </ul>
SIZE OPTIONS	<ul style="list-style-type: none"> <li>• 30 mm</li> <li>• 45 mm</li> <li>• 65 mm</li> </ul>	<ul style="list-style-type: none"> <li>• 30 mm</li> <li>• 45 mm</li> <li>• 65 mm</li> </ul>	<ul style="list-style-type: none"> <li>• 30 mm (LED strobe)</li> <li>• 45 mm</li> <li>• 65 mm</li> </ul>	<ul style="list-style-type: none"> <li>• 45 mm</li> <li>• 65 mm</li> </ul>	<ul style="list-style-type: none"> <li>• 30 mm (2 color versions)</li> <li>• 45 mm</li> <li>• 65 mm</li> </ul>
VOLTAGE OPTIONS	<ul style="list-style-type: none"> <li>• 12V AC/DC</li> <li>• 24V AC/DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 12V AC/DC</li> <li>• 24V AC/DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 12V AC/DC</li> <li>• 24V AC/DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 12V AC/DC</li> <li>• 24V AC/DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 24V AC/DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>

## Panel Lights

- Ideal for OEMs and panel builders who are looking to reduce the quantity of components without losing reliability and/or functionality of their designs
- Eliminates the need to buy fluorescent lamps as separate components
- Panel lights can be left on continuously due to low power consumption and the minimum heat generation of modern, maintenance-free technology
- cULus listed and CE marked



855L

	855L-NX1	855L-NX2	855L-NX3	855L-NX4
<b>ON/OFF SWITCH</b>	• Yes	• No	• Yes	• No
<b>OPERATING VOLTAGE</b>	• 24...48V AC/DC	• 24...48V AC/DC	• 120...240V AC	• 120...240V AC

## Horns

- Surface and wall mount industrial electronic horns provide multi-stage, multi-tone voice messaging and volume control capabilities
- High-performance industrial and recordable horns are available as stand-alone devices or with mini square beacons attached (see page 4 for available beacon lens color options) for high visibility
- UL Type 13/3R, IP56 (855H)
- UL Type 4/4X/13/3R, IP66/67 (recordable)
- UL Type 4/4X/13, IP66 or 3R/13, IP54 (855H-SG/FG)
- cULus, CE



855H Recordable



855H General Purpose



855H High Performance

	855H General Purpose	855H High Performance	855H Recordable
<b>MOUNTING OPTIONS</b>	<ul style="list-style-type: none"> <li>• Surface mount</li> <li>• Semi-flush mount</li> </ul>	<ul style="list-style-type: none"> <li>• Surface mount</li> </ul>	<ul style="list-style-type: none"> <li>• Surface mount</li> <li>• Adjustable bracket (flare style)</li> </ul>
<b>SOUND OUTPUTS</b>	<ul style="list-style-type: none"> <li>• 108 dB/3 tones (1 stage)</li> <li>• 113 dB/3 tones (2 stages)</li> </ul>	<ul style="list-style-type: none"> <li>• 100 dB/10 tones (1 stage)</li> <li>• 100 dB/10 tones (2 stages)</li> <li>• 104 dB/32 tones (3 stages)</li> <li>• 112 dB/32 tones (3 stages)</li> <li>• 119 dB/45 tones (3 stages)</li> <li>• 126 dB/45 tones (3 stages)</li> </ul>	<ul style="list-style-type: none"> <li>• 101 dB voice, 110 dB tone/45 tones (4 stages)</li> <li>• 111 dB voice, 126 dB tone/45 tones (4 stages)</li> </ul>
<b>ILLUMINATION OPTIONS</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>	<ul style="list-style-type: none"> <li>• Xenon tube (strobe, 5 J)</li> </ul>	<ul style="list-style-type: none"> <li>• LED beacon (red, green or amber)</li> </ul>
<b>VOLTAGE OPTIONS</b>	<ul style="list-style-type: none"> <li>• 24V AC/DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 10...30V DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 10...30V DC</li> <li>• 90...260V AC</li> </ul>

## Hazardous Location Signaling Devices

- Pre-wired with flying leads to meet most division-rated applications, providing unparalleled performance and reliability
- Constructed from lightweight, corrosion-free GRP (glass reinforced plastic), and impact-resistant ABS (acrylonitrile butadiene styrene plastic) for long-lasting quality
- UL Type 4/4X/13, IP66/IP67
- cULus, CE
- Application ratings
  - Class I, Division 2, Groups A, B, C & D\*
  - Class II, Division 2, Groups F & G\*
  - Class III, Division 1 & 2\*



	855XH Horn	855XB Beacon	855XC Combination
ILLUMINATION OPTIONS	<ul style="list-style-type: none"> <li>• N/A</li> </ul>	<ul style="list-style-type: none"> <li>• Xenon tube (strobe, 5 J)</li> <li>• Xenon tube (strobe, 10 J)</li> </ul>	<ul style="list-style-type: none"> <li>• Xenon tube (strobe, 5 J)</li> </ul>
TONES/STAGES	<ul style="list-style-type: none"> <li>• 45 tones (3 stages)</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>	<ul style="list-style-type: none"> <li>• 45 tones (3 stages)</li> </ul>
SOUND OUTPUT	<ul style="list-style-type: none"> <li>• 110 dB at 1 m</li> <li>• 117 dB at 1 m</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>	<ul style="list-style-type: none"> <li>• 110 dB at 1 m</li> </ul>
VOLTAGE OPTIONS	<ul style="list-style-type: none"> <li>• 10...30V DC</li> <li>• 48V DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 12V DC</li> <li>• 24V DC</li> <li>• 48V DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>	<ul style="list-style-type: none"> <li>• 24V DC</li> <li>• 48V DC</li> <li>• 120V AC</li> <li>• 240V AC</li> </ul>

\*In accordance with North American UL standards (UL 508, UL 1604)

These tables provide ordering information for some of our most popular products. For more details and to see our full range of signaling solutions, visit the Allen-Bradley Industrial Controls online catalog at [www.ab.com/catalogs](http://www.ab.com/catalogs).

### Control Tower Tower Lights

	Bulletin	854J	855E	854K	855T
	Diameter	40 mm	50 mm	60 mm	70 mm
Mounting Bases	Surface mount	854J-BSFC	855E-BCBC	854K-BSFC	855T-BCBC
	Vertical mount	854J-BVMC	855E-BVMC	854K-BVMC	855T-BVMC
	Pole mount – 10 cm	854J-BPM10C	855E-BPM10C	854K-BPM10C	855T-BPM10C
	Pole mount – 25 cm	854J-BPM25C	855E-BPM25C	854K-BPM25C	855T-BPM25C
	Quick release – 10 cm	854J-BQ10C	855E-BMM10C	854K-BQ10C	855T-BMM10C
	Quick release – 25 cm	854J-BQ25C	855E-BMM25C	854K-BQ25C	855T-BMM25C
	Double sided	854J-BDSC	—	854K-BDSC	—
Light Modules	LED steady	854J- <b>TL</b> ○	855E- <b>TL</b> ○	854K- <b>TL</b> ○	855T- <b>TL</b> ○
	LED flashing	854J- <b>GL</b> ○	855E- <b>GL</b> ○	854K- <b>GL</b> ○	855T- <b>GL</b> ○
	Strobe	854J- <b>BL</b> ○	855E- <b>BR</b> ○	854K- <b>BL</b> ○	855T- <b>BR</b> ○
Sounders	Piezo electric – single tone	854J-B*SA3	855E-B*SA3	854K-B*SA3	855T-B*SA3
	Piezo electric – dual tone	—	855E-B*TA3	—	855T-B*TA3
	Transducer – single tone	—	—	—	855T-B*SA1
	Transducer – dual tone	—	—	—	855T-B*TA1

\* Voltage Code: 24=24V AC/DC, 10=120V AC, 20=240V AC

○ = see lens color options

### 90 mm Round LED Beacons

	Steady/flashing	Strobe	Multicolor (green/amber/red)
Surface mount	855BS-S*SL ○	855BS-S*BL ○	855BS-S*ML345
Half-inch NPT mount	855BS-N*SL ○	855BS-N*BL ○	855BS-N*ML345
Tube mount	855BS-T*SL ○	855BS-T*BL ○	855BS-T*ML345

◆ Voltage Code: 35=24V AC/DC, 45=120/240V AC/DC

■ Voltage Code: 35=24V AC/DC, 10=120V AC, 20=240V AC

● Voltage Code: 24=24V AC/DC, 10=120V AC, 20=240V AC

○ = see lens color options

### Electronic Industrial Horns

	Bulletin 855H	Output dB(A) 1 m	Cat. No.
GP Horn	3 tones – 1 circuit	108	855H-SG○GPA
	3 tones – 2 circuits	113	855H-SG▲GPE
	32 tones – 3 circuits	104	855H-B*BD
High Performance	32 tones – 3 circuits	112	855H-B*CD
	45 tones – 3 circuits	119	855H-B*DD
	45 tones – 3 circuits	126	855H-B*ED
Recordable	45 tones – 4 circuits	101 voice, 110 tones	855H-R▲C
	45 tones – 4 circuits	111 voice, 126 tones	855H-R▲E
	45 tones – 4 circuits	111 voice, 126 tones	855H-R▲F

○ Voltage Code: 24=24V AC/DC, 10=120V AC, 20=240V AC

▲ Voltage Code: 30=24V DC, 45=120/240V AC

◆ Voltage Code: D30=24V DC, A10=120V AC, A20=240V AC

### Panel Mount Alarms

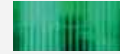
	30 mm	45 mm	65 mm
Sounders	855P-B*SH22	855P-B*ME22	855P-B*LE22
Beacons	855PB-B*SE ○ 22	855PB-B*ME ○ 22	855PB-B*LE ○ 22
Combo light and sound	—	855PC-B*ME ○ 22	855PC-B*LE ○ 22
Dual circuit – light half lens	855PD-B*SEH ○ 22	855PD-B*MEH ○ 22	855PD-B*LEH ○ 22
Dual circuit combo – light and sound	—	855PD-B*MEC1 ○ 22	855PD-B*MEC1 ○ 22

\* Voltage Code: 30=24V DC, 10=120V AC, 20=240V AC

▼ Voltage Code: 24=24V AC/DC, 10=120V AC, 20=240V AC

○ = see lens color options

#### Lens Color Options



3 – Green



4 – Red



5 – Amber



6 – Blue



7 – Clear



8 – Yellow

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#### Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846