

Bulletin 852D

-20°C to +50°C (-4°F to +122°F) cULus CE

!

ATTENTION

ATTENTION

ACHTUNG

ATTENZIONE

ATENÇÃO

ATENCIÓN

Disconnect from power source to prevent electrical shock before installing or servicing. Check power supply voltage and frequency.

Déconnecter l'alimentation avant toute opération d'installation ou de maintenance, afin d'éviter les décharges électriques. Contrôler la tension et la fréquence d'alimentation.

Schalten Sie den Strom während der Installation oder bei Wartungsarbeiten ab um einen elektrischen Schlag zu vermeiden. Prüfen Sie die Spannung und Frequenz der Stromquelle.

Scollegare dall'alimentazione prima dell'installazione e della messa in servizio. Controllare la tensione di alimentazione e la frequenza.

Desligar a alimentação antes de realizar qualquer intervenção. Verificar a tensão e frequência da alimentação.

Durante el proceso de instalación o mantenimiento desconectar la tensión de alimentación para evitar descargas eléctricas. Comprobar tensión y frecuencia de alimentación.

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Electrical connection is to be made by trained electrical specialists only. Wiring practices must meet applicable electrical codes.

Le branchement doit uniquement être effectué par des professionnels. Les procédures de câblage doivent répondre aux codes électriques en vigueur.

Anschluss ausschließlich durch ausgebildete Elektro-Fachkräfte. Bei der Verdrahtung sind die geltenden elektrotechnischen Sicherheitsvorschriften zu befolgen.

Il collegamento deve essere eseguito solo da elettricisti specializzati. Le procedure adottate per i cavi devono rispettare le codifiche elettriche applicabili.

A ligação deve ser feita exclusivamente por profissional elétrico especializado. A instalação da fiação deve atender aos códigos elétricos aplicáveis.

La conexión sólo debe ser realizada por electricistas debidamente formados. Las prácticas de instalación eléctrica deben seguir los códigos eléctricos.

i





cULus LISTED UL TYPE 4X

CE IP 69K

UKCA









85dB(A)@1m  
Pulsing freq = 1Hz

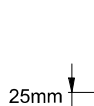
This product is intended for use in industrial signaling applications only

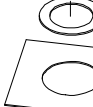
| Catalog Number  | Description      | Input Voltage | Nominal Current (@24V) | Max. Inrush Current (@24V) |
|-----------------|------------------|---------------|------------------------|----------------------------|
| 852D-B30MCQD5   | 7-COLORS         | 10-30VDC      | 54mA                   | <1A, 3.75mS                |
| 852D-B30MCPQD5  | 7-COLORS W/SOUND | 10-30VDC      | 68mA                   | <1A, 3.75mS                |
| 852D-B24RGYQD5  | 3-COLORS         | 24VDC ±10%    | 42mA                   | No inrush                  |
| 852D-B24RGYPQD5 | 3-COLORS W/SOUND | 24VDC ±10%    | 60mA                   | <750mA, 300µS              |

1















25mm (0.98")

46mm (1.8")

M30x1.5

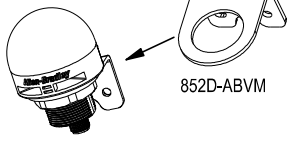
32mm (1.26")

≤ 7.5mm (≤ 0.30")

A

UL TYPE 4X and IP69K:  
FOR USE ON A FLAT RIGID SURFACE OF INDICATED TYPE ENCLOSURE  
À UTILISER SUR UNE SURFACE PLANE DE L'ENCEINTE DU TYPE INDICUÉ  
ZUR VERWENDUNG AUF EINER FLACHEN OBERFLÄCHE DES ANGEZEIGTEN GEHÄUSETYPUS  
DA UTILIZZARE SU UNA SUPERFICIE PIANA DEL TIPO DI CUSTODIA INDICATO  
PARA USO SOBRE LA SUPERFICIE PLANA DE UN ENVOLVENTE DEL TIPO INDICADO  
PARA USO EM SUPERFÍCIE PLANA NO TIPO DE PROTEÇÃO INDICADA

ACCESSORY VERTICAL BRACKET  
(ORDER SEPARATELY)  
(UL TYPE1/ IP65)



**2**

**852D-B24RGYQD5**  
**852D-B24RGYPQD5**

M12 Connector  
(NC = Not connected)

4 Red 3 Common  
1 Green 2 Amber

5 Sound

Com

Reverse polarity option:

Com

| Color | Pin   |       |        |       |       |
|-------|-------|-------|--------|-------|-------|
|       | 1     | 2     | 3      | 4     | 5*    |
| RED   | NC    | NC    | Common | (±) V | (±) V |
| GREEN | (±) V | NC    |        | NC    |       |
| AMBER | NC    | (±) V |        | NC    |       |

\*Pin 5 not used for 852D-B24RGYQD5

**852D-B30MCQD5**  
**852D-B30MCPQD5**

M12 Connector  
(NC = Not connected)

4 3  
1 2 5

Com

Reverse polarity option:

Com

| Color     | Pin   |       |        |       |       |
|-----------|-------|-------|--------|-------|-------|
|           | 1     | 2     | 3      | 4     | 5*    |
| RED       | NC    | NC    | Common | (±) V | (±) V |
| GREEN     | (±) V | NC    |        | NC    |       |
| YELLOW    | (±) V | NC    |        | (±) V |       |
| BLUE      | NC    | (±) V |        | NC    |       |
| WHITE     | (±) V | (±) V |        | (±) V |       |
| MAGENTA   | NC    | (±) V |        | (±) V |       |
| TURQUOISE | (±) V | (±) V |        | NC    |       |

\*Pin 5 not used for 852D-B30MCQD5

This device has an internal fuse for overcurrent protection. The power source must be an isolated secondary source limited by maximum 0.5A and maximum 32 VDC. Otherwise use Class 2 Power Supply.

3-color versions (852D-B24RGYQD5 and 852D-B24RGYPQD5) are designed for red, green or amber light. Do not energize multiple colors simultaneously.  
For 3-color sound version (852D-B24RGYPQD5), sound input can be combined with one color at the same time.

To ensure genuine Allen-Bradley quality, purchase only from authorized distributors.

For additional cybersecurity guidelines please visit:  
[RA System Security Design Guidelines SECURE RM-001](#)

## Waste Electrical and Electronic Equipment (WEEE)



At the end of life, this equipment should be collected separately from any unsorted municipal waste.

Rockwell Automation maintains current product environmental compliance information on its website at [rok.auto/pec](http://rok.auto/pec)

For Technical Support, visit [rok.auto/support](http://rok.auto/support)

Product certificates are located in the Rockwell Automation Literature Library: [rok.auto/certifications](http://rok.auto/certifications)

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