



SAFETY NOTICE

TECHNICAL SUPPORT

P/N SN00028

Noncompliant Cable Used on Edwards Signaling Magnetic Switches

IMPORTANT SAFETY NOTICE – ACTION REQUIRED

Please instruct your Sales, Design, Purchasing, Installation, and Service personnel to carefully read this notice and complete the required action.

Introduction

As a responsible manufacturer for fire safety products, product safety is always our first priority. Given their life safety and property protection function, the performance and reliability of our products in your end-use applications are of paramount importance to us.

You are receiving this Safety Notice because, according to our records, you have purchased Edwards Signaling magnetic switches between January 2020 to September 2021 where we have identified a potential safety issue in the SKUs listed in Table 1 on page 3. Please instruct your sales, design, purchasing, installation, and service personnel to read this safety notice carefully and take the required actions.

If you are a distributor and/or have sold the potentially affected product (Table 1 on page 3) to an end-customer, then we ask that you communicate this information to the potentially affected end-user as described in the instructions provided below.

Issue

The Edwards Signaling magnetic switches defined in “Potentially affected products” on page 3 and purchased between January 2020 to September 2021 do *not meet* the CSA C22.2 No. 49-18 / UL 508 requirement to have the SJTOW (Stranded Junior Thermoplastic, Oil and Weather resistant) cable jacket rating and may become brittle over time, which could result in exposing internal cables that may create a potential for personal injury or failure to report an open or closed state.

See Figure 1 and Figure 2 on page 2 for pictures of the *compliant* cable (SJTOW marking).

See Figure 3 and Figure 4 on page 2 for pictures of the *noncompliant* cable (no SJTOW marking).

Figure 1: Compliant cable (SJTOW marking)



Figure 2: Compliant cable (SJTOW marking)



Figure 3: Noncompliant cable (no SJTOW marking)



Figure 4: Noncompliant cable (no SJTOW marking)



Potentially affected products

The table below lists the Edwards Signaling magnetic switches that are potentially affected by the noncompliant cable.

Table 1: Potentially affected Edwards Signaling magnetic switches

Magnetic switches	Description
111*-6Y-20K	111 RE 1AMP MAG Y, 2CN 20FT
111-6N-04K	111 RE 1AMP N.O., NO MAG (WATKINS)
111-6Y-12K	111 RE 1AMP, 12 FT 18/2 SJTO
113-7Y-12K	113 RE 3AMP MAG Y SJTO-WA 18/2 12FT
114-8Y-06K	114 TRIAC MAGNET Y CBL 18/2 SJTO-WA 6FT
115-17Y-06K	115 RE 250V N.O. MAG Y CBL 18/2 SJTO-WA 6FT (REF:115-B3)
115-17Y-12K	115 RE 250V N.O. MAG Y 18/2 SJTO-WA 12FT
115-3N-06K	115 RE 3 AMP N.C.
115-3N-06K-ECOL	115 RE 3AMP, NC, ECOLAB
115-3Y-12K	115 RE 3AMP MAGNET Y CBL 18/2SJTO-WA 12FT
115-6N-06K	115 RE 1AMP NO MAGNET
115-6Y-06K	115 RE 1AMP MAGNET Y CBL 18/2 SJTO-WA 6FT
115-6Y-12K	115 RE 1AMP MAGNET Y CBL 18/2 SJTO-WA 12 FT
115-6Y-18K	115 RE 1AMP MAGNET Y CBL 18/2 SJTO-WA 18FT
115-6Y-20K	115 RE 1AMP MAGNET Y CBL 18/2 SJTO-WA 20FT
115-7Y-06K	115 RE 3AMP MAGNET Y CBL 18/2 SJTO-WA 6FT
115-7Y-06K-ECOL	115 RE 3AMP MAG Y, CBL18/2 ECOLAB
115-7Y-12K	115 RE 3AMP MAGNET Y CBL 18/2SJTO-WA 12FT
115-7Y-25K	115 RE 3AMP N.O., Y MAG, 25FT SJTO
115-8Y-06K	115 TRIAC MAGNET Y CBL 18/2 SJTO-WA 6FT
115-8Y-12K	115 TRIAC MAGNET Y CBL 18/2 SJTO-WA 12FT
115-8Y-12K-SER25	115 TRIAC, MAG, Y CBL,18/2, SJTO-WH,12FT
115-EY-06K	115 TRIAC N.C. MAGNET Y
151-13Z-06K	151 RE 250V N.C. MAG Z 18/2 SJTO-WA 6FT
151-17Z-06K	151 RE 250V N.O. MAG Z 18/2 SJTO-WA 6FT
151-3Z-06K	151 RE 3AMP NC MAGNET Z CBL 18/2 SJTO-WA 6FT
151-6Z-06K	151 RE 1AMP MAGNET Z CBL 18/2 SJTO-WA 6FT
151-6Z-12K	151 RE 1AMP MAGNET Z CBL 18/2 SJTO-WA 12FT
151-6Z-15K	151 RE 1AMP N.O., MAGNET Z, CBLE 18/2 SJTO 15FT
151-7N-06K	151 RE 3AMP CBL 18/2 SJTO-WA 6FT
151-7Z-06K	151 RE 3AMP MAGNET Z CBL 18/2 SJTO-WA 6FT
151-7Z-12K	151 RE 3AMP MAGNET Z CBL 18/2 SJTO-WA 12FT
151-7Z-16K	151 RE 3 AMP MAGNET Z CBL18/2 SJTO-WA 16FT
151-7Z-20K	151 RE 3AMP MAGNET Z CBL 18/2 SJTO-WA 20FT
151-8Z-06K	151 TRIAC MAGNET Z CBL 18/2 SJTO-WA 6FT

Magnetic switches	Description
151-8Z-12K	151 TRIAC MAGNET Z CBL 18/2 SJTO-WA 12 FT
153-6Z-06K	153 RE 1AMP MAGNET Z CBL 18/2 SJTO-WA 6FT
153-7Z-06K	153 RE 3AMP MAGNET Z CBL 18/2 SJTO-WA 6FT
153-7Z-12K	153 RE 3AMP MAGNET Z CBL 18/2 SJTO-WA 12FT
191-17Z-12K	191 RE 250V N.O. MAG Z 18/2 SJTO-WA 12FT
191-3Z-06K	191 RE 3AMP N.C. MAGNET ZCBL 18/2 SJTO-WA 6FT
191-6Z-06K	191 RE 1AMP MAGNET Z CBL 18/2 SJTO-WA 6 FT
191-6Z-12K	191 RE 1AMP MAGNET Z CBL 18/2 SJTO-WA 12FT
191-7Z-06K	191 RE 3AMP MAGNET Z CBL 18/2 SJTO-WA 6FT
191-7Z-12K	191 RE 3AMP MAGNET Z CBL 18/2 SJTO-WA 12 FT
191-8Z-12K	191 TRIAC MAGNET Z CBL 18/2 SJTO-WA 12 FT
301-CT-06K	301 RE .3AMP MAGNET T CBL 18/2 SJTO-WA 6FT
301-CT-12K	301 RE 3AMP MAGNET T CBL 18/2 SJTO-WA 12FT
301-DT-06K	301 TRIAC MAGNET T CBL 18/2 SJTO-WA 6FT
301-DT-12K	301 TRIAC MAGNET T CBL 18/2 SJTO-WA 12FT
391-DT-06K	391 TRIAC MAGNET T CBL 18/2 SJTO-WA 6FT
391-DT-12K	391 TRIAC MAGNET T CBL 18/2 SJTO-WA 12FT

Please inspect your product to determine if the product you installed or stocked is potentially affected. See figures on page 2.

Implemented actions

Steps have been taken to correct the issue. Effective October 2021, Edwards Signaling magnetic switches defined in "Potentially affected products" on page 3 meet the CSA C22.2 No. 49-18 / UL 508 requirement to have the SJTOW cable jacket rating.

Required action

The performance and reliability of our products in your end-use applications are of paramount importance to us. As you know, Edwards Signaling, as the original equipment manufacturer (OEM), and your company, as the authorized distributor, have responsibilities to end users to ensure the safe operation of our products.

Note: Responsibility rests with owner to contract an authorized Edwards Signaling distributor and ensure that Edwards Signaling magnetic switches are serviced and inspected.

Edwards Signaling recommends:

1. Warranty-replace at next service if used in life safety application (i.e., installations where if there is a short, the operation does not fail safe and there is potential for personal injury).
2. All other applications than described in recommendation 1 above are optional to warranty replace or obtain credit at next service.

Next steps

Distribution:

1. Notify the affected end-customers of the issue within 30 days of receiving this safety notice. Please keep records of these transmittals so you can complete the "Reply to Us Customer Acknowledgment Form" in the SN00028-G *Noncompliant Cable Used on Edwards Signaling Magnetic Switches Cover Letter*.
2. Work with any impacted sites and plan warranty replacement or credit, to complete the recommendation in "Required action" on page 4.

Additional Instructions, if applicable:

1. Do *not* reuse the suspect parts or assemblies that are recovered from any sites in their as-is condition. Please return the product to Edwards Signaling using the RMA process and citing this safety notice as the reason.
2. If you need assistance, please contact Edwards Signaling (see "Contact Support" below).

Questions or concerns

Thank you for your understanding. These measures cannot be conducted successfully without you. Refer to "Contact Support" below for Edwards signaling Customer Service and Technical Support who will be glad to help you with any questions that may arise.

Contact Support

Tel +1 800 336 4206 Option 3

Email contact form: [Edwards Signaling Technical Support](#)

Web: www.edwards-signals.com