

Product data sheet

Specifications



input/output simulator sub-base - 16 channels

ABE7TES160

Main

Range of product	Modicon ABE7
Accessory / separate part designation	16-channel simulator sub-base
Accessory / separate part type	Simulator sub-base
Accessory / separate part category	Connection accessories
Accessory / separate part destination	Between PLC I/O module and the Telefast I/O sub-base
Number of channels	16
Product specific application	For inhibiting discrete I/O For displaying discrete I/O For continuity of discrete I/O For forcing discrete I/O
Quantity per set	Set of 1

Complementary

Product compatibility	ABE7P ABE7H ABE7R ABE7S
Electrical connection	2 connectors
Connector type	HE10
Product weight	0.77 lb(US) (0.35 kg)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.362 in (6.000 cm)
Package 1 Width	3.858 in (9.800 cm)
Package 1 Length	7.480 in (19.000 cm)
Package 1 Weight	11.534 oz (327.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	18
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	14.176 lb(US) (6.430 kg)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer

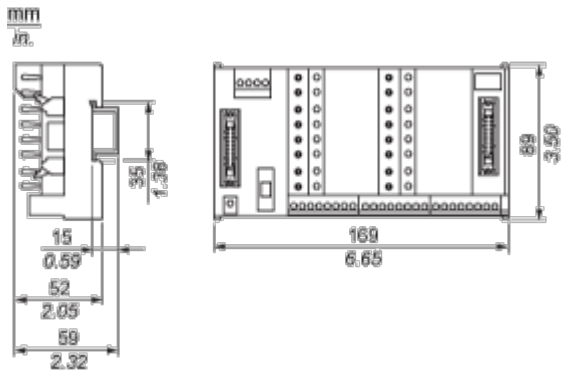
Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

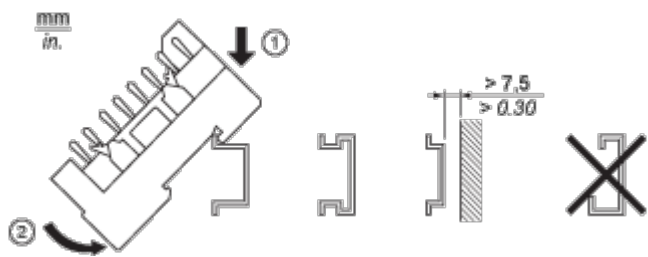
Dimensions Drawings

Dimensions



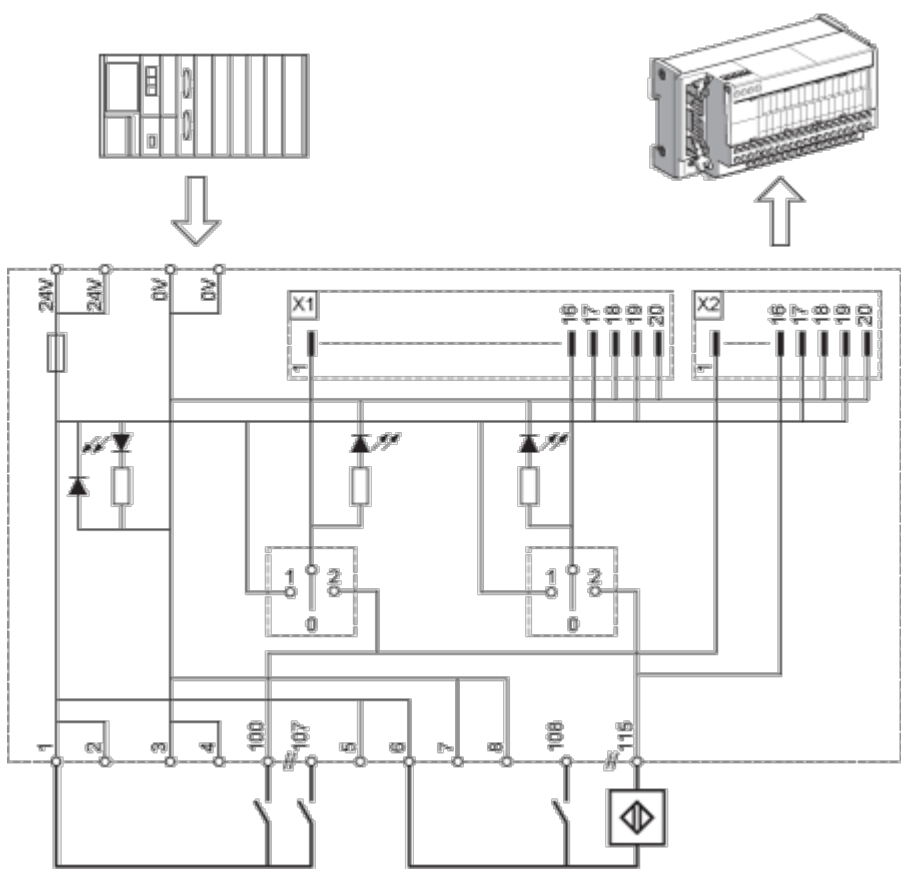
Mounting and Clearance

Mounting

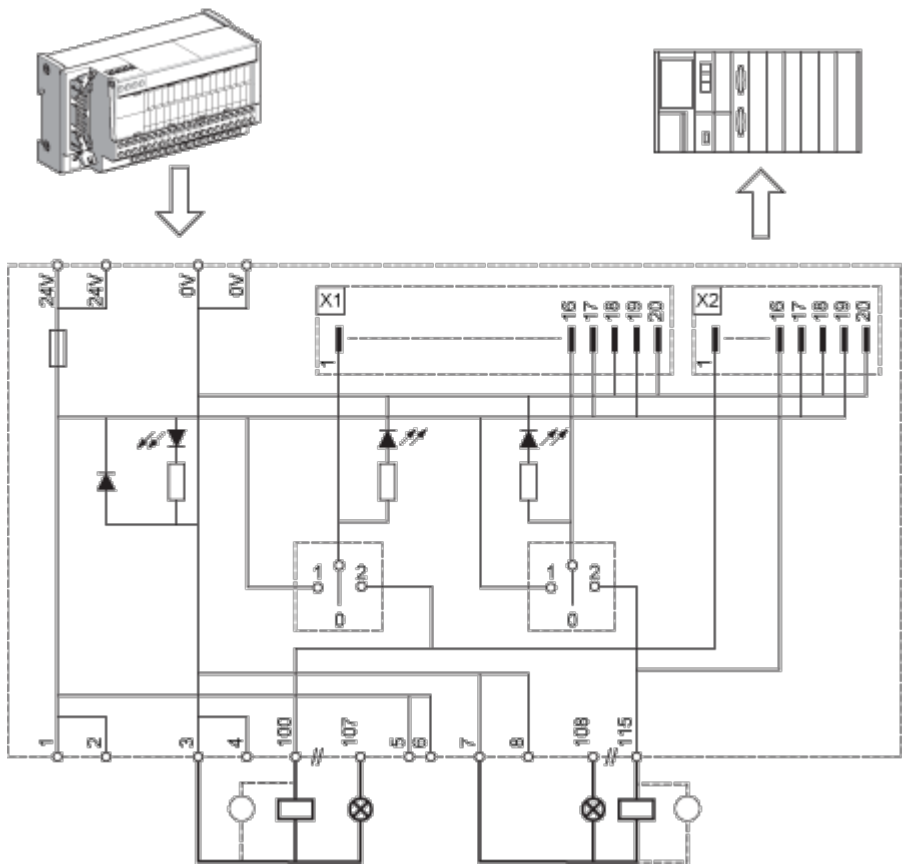


Connections and Schema

Wiring Diagram



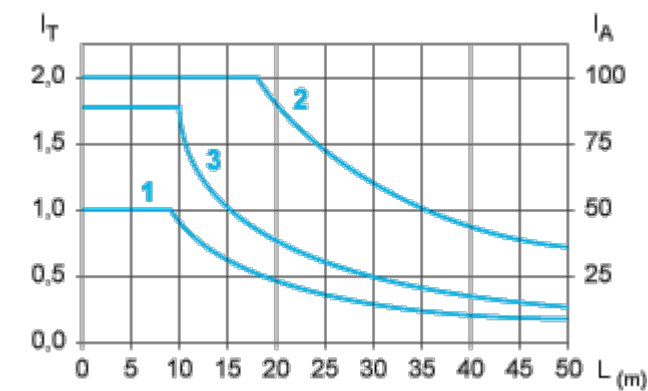
Wiring Diagram



Performance Curves

Curves for Determining Cable Type and Length According to the Current

16-channel Sub-base



L Cable length

I_T Total current per sub base (A)

I_A Average current per channel (mA)

- (1) TSXCDP••2 and ABFH20H••0 cables with c.s.a. 0.08 mm² (AWG 28).
- (2) TSXCDP••3 cables with c.s.a. 0.34 mm² (AWG 22).
- (3) Cables with c.s.a. 0.13 mm² (AWG 26).

The curves are given for a voltage drop of 1 V in the cable. For n volts tolerance, multiply the length determined from the graph by n.