



### Certifications and standards

Product certifications	BV CSA Det Norske Veritas GL Lloyd's Register of Shipping UL
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### Compatibility

Product compatibility	Modicon Premium PLC Modicon TSX Micro PLC
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### Connections

Connections - terminals	Screw type terminals 1 0.14 - 2.5 mm <sup>2</sup> 26...14 flexible without cable end Screw type terminals 1 0.09 - 1.5 mm <sup>2</sup> 28...16 flexible with cable end Screw type terminals 1 0.14 - 2.5 mm <sup>2</sup> 26...12 solid Screw type terminals 2 0.09 - 0.75 mm <sup>2</sup> 28...20 flexible with cable end Screw type terminals 2 0.2 - 2.5 mm <sup>2</sup> 24...14 solid
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### Electrical

[Ui] rated insulation voltage	2000 V terminals/mounting rails
[Us] rated supply voltage	19...30 V IEC 61131-2
Current per channel	<=0.5 A
Current per output common	<=1.8 A
Short circuit protection	2 A internal fuse 5 x 20 mm fast blow PLC end
Supply circuit type	DC
Supply current	<=1.8 A
Voltage drop on power supply fuse	0.3 V

### Environment

IP degree of protection	IP2x IEC 60529
Ambient air temperature for operation	-5 - 60 °C IEC 61131-2
Ambient air temperature for storage	-40 - 80 °C IEC 61131-2
Pollution degree	2 IEC 60664-1
Protective treatment	TC
Resistance to electrostatic discharge	8 kV air level 3 IEC 61000-4-2 4 kV contact level 3 IEC 61000-4-2
Resistance to fast transients	2 kV level 3 IEC 61000-4-4
Resistance to incandescent wire	750 °C <= 30 s IEC 60695-2-11
Resistance to radiated fields	10 V/m level 3 26000000 - 1000000000 Hz IEC 61000-4-3
Shock resistance	15 gn 11 ms IEC 60068-2-27
Vibration resistance	2 gn IEC 60068-2-6 10 - 150 Hz

## Functional

Number of terminal per channel	1
Status LED	1 LED per channel green channel status 1 LED green power ON

## Installation

Fixing mode	By clips 35 mm symmetrical DIN rail By screws solid plate with fixing kit
Installation category	II IEC 60664-1

## Physical characteristics

Number of horizontal rows	2
Product weight	0.33 kg
Tightening torque	0.6 N.m flat Ø 3.5 mm

## Product identification

Number of channels	16
Product or component type	Passive discrete I/O sub-base
Range of product	Advantys Telefast ABE7
Sub-base type	Low cost sub-base

## Complementary description

Long description	WIR BAS 16ES CORD TE 1
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## Main characteristics

Brand	Telemecanique
Commercial Reference field	ABE7H20E100
Common description	WIR BAS 16ES CORD TE 1
Current cross distribution chain status	08 - Commercialised
EAN Number	3389110251043
Short description	WIR BAS 16ES CORD TE 1

## Logistic

Basic packaging quantity	1
Minimum sales order quantity	1

## Management information

Effect. date next global CDC	00/03/07
Product part number	ABE7H20E100

## Reporting

Department code	Low End Control
Domain	AUTOMATION
Internal Domain Code	AC
Product Line	ILEC0
Strategic Product Family	TBD

## Weight and dimensions

First packaging gross height	0.08 m
First packaging gross weight	0.287 kg
First packaging gross width	0.209 m
First packaging gross length	0.292 m