



Certifications and standards

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

Product compatibility	Solid state relay
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Electrical

[Ui] rated insulation voltage	2000 V terminals/mounting rails 300 V IEC 60947-1 coil circuit/contact circuits
[Uimp] rated impulse withstand voltage	2.5 kV
[Us] rated supply voltage	19...30 V IEC 61131-2
Current per output common	<= 16 A screw type terminals <= 12 A spring terminal
Polarity distribution	Polarity distribution contact common per group of 4 channels
Short circuit protection	1 A internal fuse 5 x 20 mm fast blow PLC end 0.5 A fuse per channel 5 x 20 mm fast blow output circuit
Supply circuit type	DC
Supply current	<= 1 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 - 100000000 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

Contacts type and composition	1 NO
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

Product weight	0.6 kg
Tightening torque	0.6 N.m flat Ø 3.5 mm

Product identification

Number of channels	16
Product or component type	Sub-base with plug-in electromechanical relay
Range of product	Advantys Telefast ABE7
Sub-base type	Output sub-base

Complementary description

Long description	WIR BAS 16S EM DEB MINI
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Main characteristics

Brand	Telemecanique
Commercial Reference field	ABE7R16T111
Common description	WIR BAS 16S EM DEB MINI
Current cross distribution chain status	08 - Commercialised
EAN Number	3389110250800
Short description	WIR BAS 16S EM DEB MINI

Logistic

Basic packaging quantity	1
Minimum sales order quantity	1

Management information

Effect. date next global CDC	00/02/29
Product part number	ABE7R16T111

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	0.067 m
First packaging gross weight	0.311 kg
First packaging gross width	0.08 m
First packaging gross length	0.14 m