



### 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 2 groups of 8 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 - 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

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	0.73 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	EM PLUG-IN RELS BASE 1N/O 16O-
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## Main characteristics

Brand	Telemecanique
Commercial Reference field	ABE7R16T212
Common description	EM PLUG-IN RELS BASE 1N/O 16O-2 COM.BY
Current cross distribution chain status	08 - Commercialised
EAN Number	3389110644654
Short description	EM PLUG-IN RELS BASE 1N/O 16O-2 COM.BY 8

## Logistic

Basic packaging quantity	1
Minimum sales order quantity	1

## Management information

Effect. date next global CDC	96/12/05
Product part number	ABE7R16T212

## 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	0.075 m
First packaging gross weight	0.712 kg
First packaging gross width	0.098 m
First packaging gross length	0.23 m

# Mouser Electronics

Authorized Distributor

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