

FEATURES

1. Conforms to European safety standards (VDE0110)

dielectric distance between input and output

- Creepage distance: Min. 3.0 mm
- Clearances distance: Min. 2.5 mm

2. The small-sized vertical type

28 mm (L)×5 mm (W)×15 mm

1.063 inch (L)×.197 inch (W)×.591 inch
permits high density mounting to PC board

3. High dielectric strength: 2,500V AC (between input and output)

4. Two load types available:

DC output type (3A)

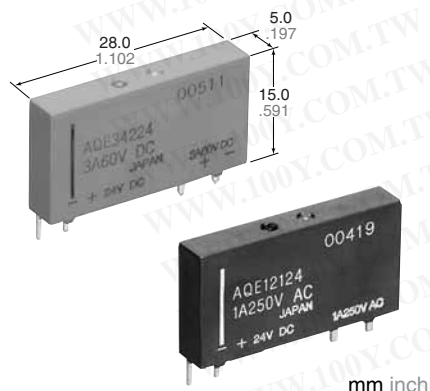
AC output type (1A)

5. Zero-cross type are available (AC type)

The zero-cross type generates minimal noise

6. Snubber circuit integrated (AC type)

The snubber circuit is integrated to prevent malfunction caused by the rapid rise of voltage on the output side, such as inductive load and current.



mm inch

RoHS Directive compatibility information
<http://www.mew.co.jp/ac/e/environment/>

TYPES

Type	Load voltage	Input voltage	Part No.
AC output	75 to 250 V AC	5 V DC	AQE12105
		12 V DC	AQE12112
		24 V DC	AQE12124
DC output	3 to 60 V DC	5 V DC	AQE34205
		12 V DC	AQE34212
		24 V DC	AQE34224

TYPICAL APPLICATIONS

- Interface relays for programmable controllers
- Industrial equipment
- Timers and counters
- Air conditioners

ORDERING INFORMATION

Ex. AQE 1 2 1 0 5

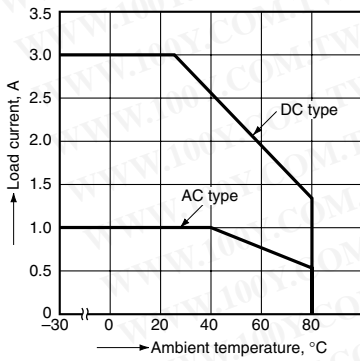
Load current	Load voltage	Type	Input voltage
1: 1 A 3: 3 A	2: 75 to 250 V AC 4: 3 to 60 V DC	1: AC output (Zero-cross) 2: DC output	05: 5 V DC 12: 12 V DC 24: 24 V DC

(Note) Standard packing: Carton 20 pcs., Case 1,000 pcs.

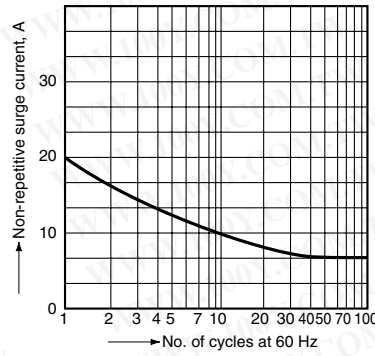
勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

REFERENCE DATA

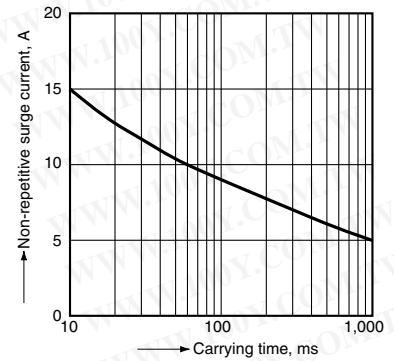
1. Load current vs. ambient temperature



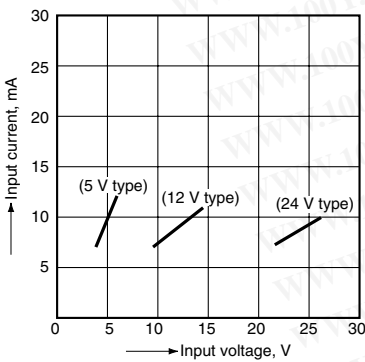
2.-(1) Non-repetitive surge current vs. carrying time (AC output)



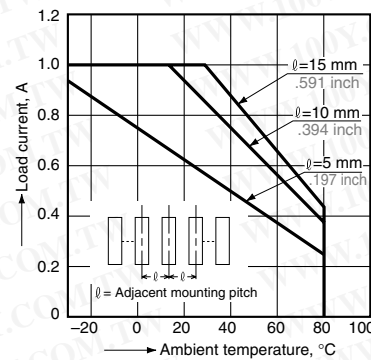
2.-(2) Non-repetitive surge current vs. carrying time (DC output)



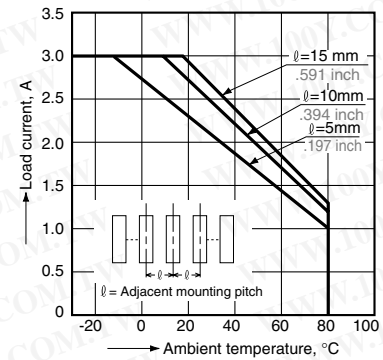
3. Input current vs. input voltage characteristics



4.-(1) Load current vs. ambient temperature characteristics for adjacent mounting (AC output)



4.-(2) Load current vs. ambient temperature characteristics for adjacent mounting (DC output)



For Cautions for Use.

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