

Phaseo

Transformers
ABL 6TS, ABT 7

Transformers for AC control circuits

Transformers 230 V
Single winding transformers
Operating temperature: 40 °C

Transformers 230/400 V
Single winding transformers
Operating temperature: 50 °C



Tension d'entrée

230 V ~, ± 15 V

230 V ~ and 400 V ~, ± 15 V

Connection to world-wide line supplies

United States
- 120 V (in phase-to-neutral)
- 240 V (in phase-to-phase)

Europe
- 230 V (in phase-to-neutral)
- 400 V (in phase-to-phase)

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Single-phase (N-L1) connection

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2-phase (L1-L2) connection

Single-phase (N-L1) connection
2-phase (L1-L2) connection

Applications

Safety transformer (SELV)

Safety transformer (SELV)

Secondary winding

Single winding

Single winding

Signalling

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Standards

IEC 61558-2-6, EN 61558-2-6

IEC 61558-2-6, EN 61558-2-6, UL 506

Certifications

–

C us

Output voltage

24 V ~

12 V ~

24 V ~

Nominal power

25 VA

40 VA

63 VA

100 VA

160 VA

250 VA

320 VA

400 VA

630 VA

1 000 VA

1 600 VA

2 500 VA

ABT 7ESM004B

ABT 7ESM006B

ABT 7ESM010B

ABT 7ESM016B

ABT 7ESM025B

ABT 7ESM032B

ABT 7ESM040B

ABL 6TS02J

ABL 6TS04J

ABL 6TS06J

ABL 6TS10J

ABL 6TS16J

ABL 6TS25J

ABL 6TS02B

ABL 6TS04B

ABL 6TS06B

ABL 6TS10B

ABL 6TS16B

ABL 6TS25B

ABL 6TS40B

ABL 6TS63B

ABL 6TS100B

ABL 6TS160B

ABL 6TS250B

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More technical information on www.schneider-electric.com . . . please consult the end pages of this catalogue



Transformers 230/400 V
Double winding transformers
Operating temperature: 60 °C



230 V ~ and 400 V ~, ± 15 V

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2-phase (L1-L2) connection

Single-phase (N-L1) connection
2-phase (L1-L2) connection

Isolation transformer

Single winding

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IEC 61558-2-4, EN 61558-2-4, UL 506

C us

230 V ~ and 400 V ~, ± 15 V

–
2-phase (L1-L2) connection

Single-phase (N-L1) connection
2-phase (L1-L2) connection

Safety transformer (SELV)

Isolation transformer

Double winding

Presence of input voltage by LED (up to 320 VA)

IEC 61558-2-6, EN 61558-2-6,
UL 506

IEC 61558-2-4, EN 61558-2-4,
UL 506

C us, ENEC

115 V ~

230 V ~

ABL 6TS02G

ABL 6TS02U

ABL 6TS04G

ABL 6TS04U

ABL 6TS06G

ABL 6TS06U

ABL 6TS10G

ABL 6TS10U

ABL 6TS16G

ABL 6TS16U

ABL 6TS25G

ABL 6TS25U

ABL 6TS40G

ABL 6TS40U

ABL 6TS63G

ABL 6TS63U

ABL 6TS100G

ABL 6TS100U

ABL 6TS160G

ABL 6TS160U

ABL 6TS250G

ABL 6TS250U

2 x 24 V ~

2 x 115 V ~

ABT 7PDU002B

ABT 7PDU002G

ABT 7PDU004B

ABT 7PDU004G

ABT 7PDU006B

ABT 7PDU006G

ABT 7PDU010B

ABT 7PDU010G

ABT 7PDU016B

ABT 7PDU016G

ABT 7PDU025B

ABT 7PDU025G

ABT 7PDU032B

ABT 7PDU032G

ABT 7PDU040B

ABT 7PDU040G

ABT 7PDU063B

ABT 7PDU063G

ABT 7PDU100B

ABT 7PDU100G

ABT 7PDU160B

ABT 7PDU160G

ABT 7PDU250B

ABT 7PDU250G

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