

nections! CSA: For installations according to the Canadian National Standard C22.2 No. 274-13 overvoltage category III.

| RT | Input voltage | | Max. fuse size ¹⁾ | | | Motor protec- | |
|----|-----------------|--------|------------------------------|-------------------|-------------------|--|--|
| e | IEC | UL | IEC | UL "CC" | UL "J" | tion switch | |
| 2 | | | 15A | 15A ³⁾ | 15A ²⁾ | Eaton | |
| | AC 1ph 230 V | | 20A | 20A 3) | 20A ²⁾ | PKZM0 20-E ²⁾ 115V, 1.5 HP 230V, 3 HP | |
| 2 | | | 6A | 6A ³⁾ | - | Eaton | |
| 2 | | | 10A | 10A ³⁾ | _ | PKZM0 (1) 10-E ³⁾ | |
| 2 | | | 10A | 10A ³⁾ | _ | 200-230V, 3 HP | |
| | AC 3ph 230 V | | 15A | 15A ³⁾ | 15A ²⁾ | Eaton PKZM0 (1) 32-E ²⁾ | |
| | | | 20A | 20A 3) | 20A ²⁾ | 200V, 7.5 HP 230V, 10 HP | |
| | | | 25A | 25A | 25A | - | |
| 2 | | | 6A | 6A ³⁾ | _ | Eaton | |
| 2 | | | 10A | 10A ³⁾ | - | PKZM0 (1) 10-E ³⁾ | |
| | AC 3ph | AC 3ph | 10A | 10A ³⁾ | _ | 480Y/277V, 7.5 HP | |
| | 400 V | | 15A | 15A ³⁾ | 15A ²⁾ | | |
| | - | | 20A | 20A 3) | 20A ²⁾ | PKZM0 (1) 32-E ²⁾ 480Y/277V, 20 HP | |
| | | | 25A | 25A 3) | 25A ²⁾ | _ | |

| 1 | No. from Table 2 | Terminal strip(s) | | | | | | |
|---|--|-------------------|---------|--------|----------|-------|-----|--|
| | | X1A | X1B | | X1C | X2A-D | PE | |
| | Housing | L1, L2, L3(N) | U, V, W | ++,, R | all PINs | | (-) | |
| | S6 2 | 2 | 2 | 2 | 1 | 1 | 4 | |
| | S6 4 | 3 | 3 | 2 | | I | 4 | |
| 1 | Table 1: Assignment of terminals to terminal numbers | | | | | | | |

| No. from | | Permissible of | Tightening torque | | |
|----------|---------------------------|--|------------------------------|-----|---------|
| Table 1 | Mounting type | mm ² with wire end ferrule | AWG without wire end ferrule | Nm | lb inch |
| 1 | | 0.141.5 ¹⁾ | 2612 | _ | _ |
| 2 | Push-in clamp | 0.51.5 | 2612 | _ | - |
| 3 | | 0.56 | 248 | _ | _ |
| 4 | M4 Screw for cable lug | _ | _ | 1.3 | 11 |

| Cross-section | Wire-end ferrule | Metal sleeve length | Stripping length | | |
|---|--|---------------------|------------------|--|--|
| 0.50 mm ² | with plactic college | 10 mm | 12 mm | | |
| 0.75 mm ² | with plastic collars (<i>DIN 46228-4</i>) | 12 mm | 14 mm | | |
| 1.00 mm ² | (DIN 40220-4) | 12 mm | 15 mm | | |
| 1.50 mm ² without plastic collars (<i>DIN 46228-1</i>) | | 10 mm | 10 mm | | |
| 0.14…1.5 mm ² single- or finewire | without wire-end ferrule | - | 1015 mm | | |
| Table 3: Wire-end ferrules and stripping length | | | | | |

| Accessory kits | Housing | Mains connec- tion | Control type | Safety module |
|----------------|---------|-----------------------|--------------|---------------|
| 00S6ZC0-0000 | 2 | 3 | S6-K | STO |
| 00S6ZC0-0001 | 4 | 3 | S6-K | STO |
| 00S6ZC0-0002 | 2 | 3 | S6-A | Тур 1 |
| 00S6ZC0-0003 | 4 | 3 | S6-A | Тур 1 |
| 00S6ZC0-0004 | 2 | 3 | S6-A | Тур 3 |
| 00S6ZC0-0005 | 4 | 3 | S6-A | Тур 3 |
| 00S6ZC0-0006 | 2 | 1 | S6-K | STO |
| 00S6ZC0-0007 | 2 | 1 | S6-A | Тур 1 |
| 00S6ZC0-0008 | 2 | 1 | S6-A | Тур 3 |

Cable cross-sections and fuses must be dimensioned according to the design of the machine manufacturer. Specified minimum / maximum values may not be fallen below / exceeded.

Translation of the original manual S6 Series Housing 2-4 Document 20162228 ENG 04

Mat.Nr. 00S6N1M-0001

COMBIVERT S6

QUICK START GUIDE

ground.

UKCAconformity





KEB







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CE certification

CERTIFICATION

CE certification



KEB products meet the requirements of the valid European and national directives. The conformity has been proven. The corresponding declarations can be downloaded from our website by entering the material number in the search field.



During the UL evaluation, only electrical safety and risk of fire aspects were investigated.. Functional safety aspects were not evaluated. Devices with safety function are limited to a service life of 20 years. Then the devices must be replaced.

See www.keb.de/nc/search with search term "safety manual".

| fication | | | |
|----------|--|--|--|
| | l | | |
| E | UL certification | | |
| | Only devices with UL logo on the name plate are certified. | | |

For compliance with UL for use on the North American and Canadian Market, the following additional information must be observed (English original text):

BRANCH CIRCUIT PROTECTION

▶ Integral solid state short circuit protection does not provide branch circuit protection. ▶ Branch circuit protection must be provided in accordance with the Manufacturer Instructions, National Electrical Code and any additional local codes".

► CSA: For Canada: Branch circuit protection must be provided in accordance with the Canadian Electrical Code, Part I.

| ARNING | ► THE OPENING OF THE BRANCH-CIRCUIT PROTECTIVE DEVICE MAY BE AN INDICATION THAT A FAULT HAS BEEN INTERRUPTED. TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CURRENT-CARRYING PARTS AND OTHER COMPONENTS OF THE CONTROLLER SHOULD BE EXAMINED AND REPLACED IF DAMAGED. IF BURNOUT OF THE CURRENT ELEMENT OF AN OVERLOAD RELAY OCCURS, THE COMPLETE OVER- LOAD RELAY MUST BE REPLACED. |
|-----------|--|
| TISSEMENT | LE DÉCLENCHEMENT DU DISPOSITIF DE PROTEC- TION DU CIRCUIT DE DÉRIVATION PEUT ÊTRE DÛ À UNE COUPURE QUI RÉSULTE D'UN COURANT DE DÉFAUT. POUR LIMITER LE RISQUE D'INCENDIE OU DE CHOC ÉLECTRIQUE, EXAMINER LES PIÈCES POR- TEUSES DE COURANT ET LES AUTRES ÉLÉMENTS DU CONTRÔLEUR ET LES REMPLACER S'ILS SONT ENDOMMAGÉS. EN CAS DE GRILLAGE DE L'ÉLÉMENT TRAVERSÉ PAR LE COURANT DANS UN RELAIS DE SURCHARGE, LE RELAIS TOUT ENTIER DOIT ÊTRE REMPLACÉ. |

GROUNDING SYSTEM

► Only for use in non-corner grounded type WYE source not exceeding 277 V phase to

UKCA conformity



KEB products with the logo comply with UK requirements and guidelines. The relevant information can be obtained from our website by entering the material number in the search box or from our authorized representative below:

KEB(UK) Ltd. 5 Morris CI, Park Farm Industrial Estate, Wellingborough NN8 6XF, UK

INSTRUCTIONS FOR USE



► Open the KEB homepage at *www.keb.de*.

► By entering the material number in the search field, you will get the corresponding parts of the instructions for use.

KE

| Read the inst | tructions for | use carefully ! |
|-----------------------------|--|--|
| www.keb.de | KR | 다른 언어도 사용할 수 있습니다. |
| Други налични езици. | HR | Ostali dostupni jezici. |
| 其他语言可用。 | HU | Más elérhető nyelvek. |
| Jiné jazyky k dispozici. | LV | Citas pieejamās valodas. |
| Andre sprog til rådighed. | LT | Kitos kalbos. |
| Weitere Sprachen verfügbar. | MT | Lingwi oħra disponibbli. |
| Other languages available. | NL | Andere talen beschikbaar. |
| Muud keeled on saadaval. | PL | Inne dostępne języki. |
| Otros idiomas disponibles. | PT | Outros idiomas disponíveis. |
| Muut kielet saatavilla. | RO | Alte limbi disponibile. |
| Autres langues disponibles. | RU | Доступны другие языки. |
| Άλλες διαθέσιμες γλώσσες. | SE | Andra språk finns tillgängliga. |
| Teangacha eile ar fáil. | SK | lné jazyky sú k dispozícii. |
| Altre lingue disponibili. | SI | Drugi jeziki so na voljo. |
| 他の言語も利用できます。 | TR | Mevcut diğer diller. |
| | www.keb.de Други налични езици. 其他语言可用。 Jiné jazyky k dispozici. Andre sprog til rådighed. Weitere Sprachen verfügbar. Other languages available. Muud keeled on saadaval. Otros idiomas disponibles. Muut kielet saatavilla. Autres langues disponibles. Άλλες διαθέσιμες γλώσσες. Teangacha eile ar fáil. Altre lingue disponibili. | Други налични езици.HR其他语言可用。HUJiné jazyky k dispozici.LVAndre sprog til rådighed.LTWeitere Sprachen verfügbar.MTOther languages available.NLMuud keeled on saadaval.PLOtros idiomas disponibles.PTMuut kielet saatavilla.ROAutres langues disponibles.RUΆλλες διαθέσιμες γλώσσες.SETeangacha eile ar fáil.SKAltre lingue disponibili.SI |