

PL TSM, TSMS
TMB - transformatory sieciowe z mocowaniem bez przegrody

TMBS
ATR, ATRK - transformatory sieciowe z mocowaniem na szynę DIN (TS35) bez przegrody - autotransformatory sieciowe z regulacja, z regulacja do klimatyzacji

## PL TSM - transformatory sieciowe z mocowaniem

Seria transformatorów sieciowych wykonanych na rdzeniach ksztaltkowych El do montażu panelowego. Przeznaczone głównie do wbudowania w układach zasilajacych urzadzeń elektronicznych i elektroenergetycznych oraz instalacjach przemysłowych. Powszechnie wykorzystywane jako transformatory bezpieczeństwa i separacyjne Produkowane w zakresie mocy: 12-1000VA

## TSMS - transformatory sieciowe z mocowaniem na szynę DIN (TS35)

Seria transformatorów sieciowych wykonanych na rdzeniach kształtkowych El. Przeznaczone do montażu na szynie DIN (TS35) w urzadzeniach elektroenergetycznych oraz instalacjach przemysłowych. Powszechnie wykorzystywane jako transformatory bezpieczeństwa i separacyjne. Produkowane w zakresie mocy: 12-400VA

## TMB - transformatory sieciowe z mocowaniem bez przegrody

Seria transformatorów sieciowych wykonanych na rdzeniach kształtkowych El do montażu panelowego. Przeznaczone głównie do wbudowania w układach zasilajacych urządzeń elektronicznych i elektroenergetycznych oraz instalacjach przemysłowych. Produkowane w zakresie mocy: 20-1000VA

## TMBS - transformatory sieciowe z mocowaniem szynę DIN (TS35) bez przegrody

Seria transformatorów sieciowych wykonanych na rdzeniach kształtkowych El. Przeznaczone do montażu na szynie DIN (TS35) w urządzeniach elektroenergetycznych oraz instalacjach przemysłowych. Produkowane w zakresie mocy: 20-400VA

## ATR, ATRK - autotransformatory sieciowe: z regulacja, z regulacja do klimatyzacji

Seria autotransformatorów sieciowych z regulacja wykonanych na rdzeniach kształtkowych El. Przeznaczone głównie do regulacji nawiewu w układach klimatyzacyjnych, wentylacyjnych lub grzewczych. ATR - produkowane w zakresie prądów o mocy: 25-2000VA, ATRK - produkowane w zakresie prądów: 2 - 10A

## Normy: PN-EN 61558

Budowa:

- rdzeń kształtkowy El
korpus dwukomorowy z przegroda (TSM, TSMS) lub jednokomorowy (TMB, TMBS, ATR, ATRK) wykonany z niepalnego poliamidu wzmocnionego włóknem szklanym UL 94 VO
- drut nawojowy miedziany z pojedynczą lub podwójną izolacja w klasie temperaturowej B, F lub H
- materiał izolacyjny estrofol lub preszpan
- impregnat - lakier elektroizolacyjny
zabezpieczenia - brak - należy stosować w obwodach PRI lub SEC wyłączniki termiczne, warystory, bezpieczniki topikowe
sposób wyprowadzeń przewodami, listwami zaciskowymi oraz innymi według uzgodnień elementy mocujące - wsporniki, uchwyty i zaczepy na szynę DIN
Parametry elektryczne - standardowe lub wg wymagań klienta - na zamówienie zakres napięć PRI $24 \div 500 \mathrm{~V} 50 / 60 \mathrm{~Hz}$; SEC $1 \div 1000 \mathrm{~V}$
- klasa cieplna Ta 40 B (temp. otoczenia $40^{\circ} \mathrm{C}$, izolacja klasy B $130^{\circ} \mathrm{C}$ )
- test izolacji $4 \mathrm{kV} / 60 \mathrm{~s}$; klasa izolacji I
stopień ochrony IP00
Wymiary, mocowanie, wyprowadzenia, obudowa, wykonane według standardowych rozwiązań przedstawionych w Kartach Katalogowych lub po uzgodnieniach według indywidualnych wymagań klienta


## GB TSM - mains transformers with mounting

A series of mains transformers made on El profile cores for panel mounting. Designed mainly for incorporation into supply systems of electronic devices, power equipment, and industrial installations. Commonly used as safety and separation transformers. Manufactured in the power range of: $12-1000 \mathrm{VA}$

## TSMS - mains transformers with DIN rail mounting

A series of mains transformers made on El profile cores. Designed for DIN rail mounting in power equipment, and industrial installations. Commonly used as safety and separation transformers. Manufactured in the power range of: 12-400VA

## TMB - mains transformers with mounting without baffle

A series of mains transformers made on El profile cores for panel mounting. Designed for DIN rail mounting in electronic devices, power equipment, and industrial installations. Manufactured in the power range of: 20-1000VA

## TMBS - mains transformers with DIN rail mounting without baffle

A series of mains transformers made on El profile cores. Designed for DIN rail mounting in power equipment and industrial installations. Manufactured in the power range of: 20-400VA

# ATR, ATRK - mains autotransformers: adjustable, adjsutable designed for airconditioning <br> A series of mains autotransformers made on El profile cores. Designed mainly ro adjust ventilation in air-conditioning, ventialtion or heating systems ATR - manufactured in the power range of $25-2000 \mathrm{VA}$, ATRK - manufactured in the power range of $2-10 \mathrm{~A}$. 

## Standards: EN 61558 <br> Design:

El profile core
two-chamber body with a baffle (TSM, TSMS) or one-chamber (TMB, TMBS, ATR, ATRK) made of non-flammable glass fibre UL 94 VO reinforced polyamide

- copper winding wire with single or double insulation in temperature class B, F or H
- insulation material - estrofol or insulating board
- protection - none - thermal switches, varistors or fuses should be used in PRI or SEC circuits
terminals - cables, terminal strips, and others, according to agreements
mounting elements - supports and DIN rail mounting slats and taps
Electrical parameters - standard or according to client's requirements - on request
PRI voltage range $24 \div 500 \mathrm{~V} 50 / 60 \mathrm{~Hz}$; SEC voltage range $1 \div 1000 \mathrm{~V}$
- temperature class Ta 40 B (ambient temp. $40^{\circ} \mathrm{C}$, insulation class B $130^{\circ} \mathrm{C}$ )
- insulation test $\quad 4 \mathrm{kV} / 60 \mathrm{~s}$; insulation class I
protection level IP00
Dimensions, mounting, terminals, made according to standard design solutions presented on the Catalogue Sheets, or to be agreed.


## DE TSM - die Netztransformatoren mit Verbindungsstück

Die Serie von den Netztransformatoren an den El Formgebenden Kerne ausgeführten zu der Panel Montage. In den Ordnungen der betreiben elektronisch und Elektroenergetische Vorrichtungen einzubauen zugewiesen sowie den Industrie Installationen. Die als Sicherheit- und Separationstransformatoren ausgenutzten In dem Bereich Menge produziert: 12-1000 VA

## TSMS - die Netztransformatoren zu auf die Schiene DIN (TS35) zu befestigen

Die Serie von den Netztransformatoren an den El Formgebenden Kerne ausgeführten zu der Montage auf einer Schiene DIN (TS35) zu befestigen vorgesehen in den Elektroenergetische Vorrichtungen sowie den Industrie Installationen. Die als Sicherheit- und Separationstransformatoren ausgenutzten. In dem Bereich Menge produziert: 12-400 VA

## TMB - die Netztransformatoren zu ohne die Trennwand zu befestigen

Die Serie von den Netztransformatoren an den El Formgebenden Kerne ausgeführten zu der Panel Montage. In den Ordnungen der betreiben in Elektronisch- und Elektroenergetische Vorrichtungen einzubauen zugewiesen sowie den Industrie Installationen. In dem Bereich Menge produziert: 20-1000 VA

## TMBS - die Netztransformatoren mit Verbindungsstück die Schiene DIN (TS35) ohne die

## Trennwand

Die Serie von den Netztransformatoren an den EI Formgebenden Kerne ausgeführten zu der Montage auf einer Schiene DIN (TS35) vorgesehen in den Elektroenergetische Vorrichtungen sowie den Industrie Installationen. In dem Bereich Menge produziert: 20-400 VA

ATR, ATRK - Netzautotransformatoren: mit der Regulation, mit der Regulation zu der Klimaanlagen<br>Die Serie von den Netztransformatoren mit Regulation an den El Formgebenden Kerne ausgeführten. In den Klima, Lüftungs- oder Heiz Ordnungen zu der Regulierung des Lüfters vorgesehen. ATR - in dem Bereich der Ströme über Menge produziert: 25-2000 VA, ATRK - in dem Bereich der Ströme produziert: 2-10 A<br>Die Normen: PN-EN 61558<br>Der Aufbau:<br>das El Formgebenden Kern<br>- der Zweikammer Rumpf mit Trennwand (TSM, TSMS) oder Einkammer (TMB, TMBS, ATR, ATRK) aus dem unbrennbar gekräftigten Polyamid ausgeführt Glasfiber UL94VO<br>- der Kupfer Wicklungsdraht zu der einzelnen oder doppelten Isolation in der Temperaturklasse B, F oder H<br>- Isoliermaterial Estrofol oder Pressspan<br>Imprägnation - Elektrodämmunglack<br>- die Absicherungen - es fehlt - er gehört in den Umkreisen PRI oder SEC die Wärmeausschalter anwenden, Waristoren, die Schmelzsicherungen<br>die Art der Ableitungen die Leitungsdrähte, die Spannklemmen und anders nach den Abreden<br>die befestigenden Elemente - die Kragträger, die Henkel und die Haken auf die Schiene DIN.<br>Die elektrischen Parameter - Standard oder nach den Ansprüchen des Kunden<br>der Bereich der Reibungen PRI $24 \div 500 \mathrm{~V} 50 / 60 \mathrm{~Hz}$; SEC $1 \div 1000 \mathrm{~V}$<br>- die thermische Klasse 40 B (Temperatur die Umgebungen $40^{\circ} \mathrm{C}$, die Isolation der Klasse $\mathrm{B} 130^{\circ} \mathrm{C}$ )<br>- der Test der Isolation 4 kV/60 s; die II Klasse der Isolation IP00

Ausmaße, die Verbindungsstücke, die Ableitungen, die Gehäuse, nach den Standard in den Karteikarten oder nach den Abreden nach den individueller Ansprüchen des Kunden vorgestellten Auflösungen ausgeführt.

## RU TSM - сетевые трансформаторы с креплением

Серия сетевых трансформаторов изготовленных на формировочных сердечниках ЕІ для панельного монтажа. Предназначены в основном для встройки в питательные системы электронного и электроэнергетического оборудования, а также промышленной установки. В основном используются как трансформаторы безопасного напряжения и сепарационные. Производятся в диапазоне мощностей: 12-1000VA

## TSMS - сетевые трансформаторы с креплением на шину TS 35

Серия сетевых трансформаторов изготовленных на формировочных сердечниках El. Предназначены для монтажа на шине DIN (TS35) в электроэнергетическом оборудовании и в промышленной установке. В основном используются как трансформаторы безопасного напряжения и сепарационные. Производятся в диапазоне мощностей: 12 - 400VA

## TMB - сетевые трансформаторы с креплением без перегородки

Серия сетевых трансформаторов изготовленных на формировочных сердечниках ЕІ для панельного монтажа. Предназначены в основном для встройки в питательные системы электронного и электроэнергетического оборудования, а также промышленной установки.
Производятся в диапазоне мощностей: 20-1000VA

## TMBS - сетевые трансформаторы с креплением на шину DIN ( TS35) без перегородки

Серия сетевых трансформаторов изготовленных на формировочных сердечниках El. Предназначены для монтажа на шине DIN (TS35) в электроэнергетическом оборудовании и в промышленной установке. Производятся в диапазоне мощностей: 20-400VA
ATR, ATRK - сетевые автотрансформаторы: с регулировкой, с регулировкой для коНДИЦИОнеров
Серия сетевых автотрансформаторов с регулировкой, изготовленных на сердечниках ЕІ. Предназначенные в основном для регулировки приточной вентиляции в кондиционных, вентиляционных или нагревательных схемах. ATR - производимые в диапазоне токов мощности в размере: 25 - 2000 VA , ATRK - производимые в диапазоне токов 2 -10A

## Нормы: EN 61558

Конструкция:

- Формировочный сердечник Еl
- Корпус двухкамерный с перегородкой (TSM, TSMS) или однокамерный (TMB, TMBS, ATR, ATRK), выполненный из полиамида, усиленный стекловолокном UL 94VO
Обмоточная проволка с одинарной или двойной изоляцией в температурном классе $\mathrm{B}, \mathrm{F}$ или H
- Изоляционный материал, эстрофол или прессшпан
- Электроизолирующий лак импрегнат
- Защита - нехватка - необходимо применять в периметрах термические выключатели, варисторы, плавкие предохранители
- Способ выводов проводами, зажимными рейками а также другими согласно договорённости

Прикрепляющие элементы - корнштейны, держатели и ответвления на шину DIN
Параметры электрические - стандартные или согласно требованиям Клиента - на заказ
Диапазон напряжений PRI $24 \div 500 \mathrm{~V} 50 / 60 \mathrm{~Hz}$; SEC $1 \div 1000 \mathrm{~V}$

Степень тепла Ta 40 B (температура окружения $40^{\circ} \mathrm{C}$, Степень изоляции В $130^{\circ} \mathrm{C}$ )
Тест изоляции $4 \mathrm{kV} / 60 \mathrm{~s}$; Степень изоляции
Степень защиты IP00
Размеры, крепление, выводы, корпус, выполнение согласно стандартным решениям, представленным в Картах Каталога или после обсуждений согласно индивидуальным требованиям Клиента.

## cz TSM <br> - sit'ové transformátory s upevněním

Série sit’ových transformátorů vyrobených na tvarovkových jádrech El pro panelovou montáž. Určené hlavně pro vestavění v napájejicich soustavách elektronických a elektroenergetických zařizení a průmyslových instalacich. Běžně použivány jako transformátory bezpečnostni a separační. Vyráběné v rozsahu výkonu: 12 - 1000 VA

## TSMS - sitové transformátory s upevnẽním na kolej DIN

Série sitových transformátorů vyrobených na tvarovkových jádrech EI. Určené pro montáž na koleji DIN v elektroenergetických zařizenich a průmyslových instalaci. Běžně použivány jako transformátory bezpečnostní a separační. Vyráběné v rozsahu výkonu: 12-400VA

## TMB - sit'ové transformátory s upevněním na kolej DIN bez přepážky

Série sit’ových transformátorů vyrobených na tvarovkových jádrech El pro panelovou montáž. Určené hlavně pro vestavění v napájejicich soustavách elektronických a elektroenergetických zařizení a průmyslových instalacích. Vyráběné v rozsahu výkonu: 20-1000VA

## TMBS - sit̛ové transformátory s upevněním na kolej DIN bez přepážky

Série sit’ových transformátorů vyrobených na tvarovkových jádrech El. Určené pro montáž na koleji DIN v elektroenergetických zařizeních a průmyslových instalaci. Vyráběné v rozsahu výkonu: 20-400VA

## ATR, ATRK - sítové autotransformátory s regulací, s regulací pro klimatizaci

Série siťových autotransformátorů s regulací vyrobených na tvarovkových jádrech El. Určené hlavně k regulaci přivodu vzduchu v klimatizačnich soustavách, ventilačnich nebo ohřívacích. ATR - vyráběny v rozsahu proudů s výkonem: 25-2000VA, ATRK - vyráběné v rozsahu proudů: 2-10A

Normy: EN 61558
Konstrukce:

- tvarovkové jádro El
- dvojkomorový korpus z přičkou (TSM, TSMS) nebo jednokomorový (TMB, TMBS, ATR, ATRK) vykonaný z nehořlavého polyamidu vyztuženého skleněným vláknem UL 94 VO
- Navijeci drát nebo měděný profil s jednoduchou nebo dvojitou izolaci $v$ trídě teplot $B, F$ nebo $H$
- izolační látka estrofol nebo tvrzený papír
- impregnační prostředek - elektroizolační lak
- zabezpečeni - nejsou - nutno na obvodech PRI nebo SEC použit termické vypinače, varistory, tavné pojistky zpủsob vývodů - přívody, svorkovými lištami nebo jinými podle dohody
upevñující prvky - konzole, držáky a záchytky na přípojnou kolej DIN
Elektrické parametry - standardní nebo podle požadavků klienta - na objednávku
rozsah napětí PRI $24 \div 500 \mathrm{~V} 50 / 60 \mathrm{~Hz}$; SEC $1 \div 1000 \mathrm{~V}$
tepelná třída $\quad \mathrm{Ta} 40 \mathrm{~B}, \mathrm{Ta} 40 \mathrm{~F}$ (tep. okoli $40^{\circ} \mathrm{C}$, izolace trídy $\mathrm{B} 130^{\circ} \mathrm{C}, \mathrm{F} 155^{\circ} \mathrm{C}$ )
test izolace $\quad 4 \mathrm{kV} / 60 \mathrm{~s}$; třida izolace I
stupeñ ochrany IP00
Rozměry, upevnění, vývody, výztuž/ plášt', vykonané podle standardních řešení představených v Katalogových listech nebo po dohodě podle individuálních požadavků klienta.


## вG TSM - мрежови трансформатори с укрепване

Серия мрежови трансформатори в испълнение с профилната сърцевина El за панелен монтаж. Предназначени са главно за монтаж в захранващите системи в електронните и електроенергетическите устройства а също и в промишлените инсталации. По принцип са използувани като предпазните или сепараторни трансформатори. Произвеждани са с дяпазон на мощността: 12 - 1000 VA

## TSMS - мрежови трансформатори с релсово укрепление DIN (TS35)

Серия мрежови трансформатори с профилната сърцевина EI. Предназначени са за монтаж върху релса DIN (TS35) в електроенергетичните устройства а също и в промишлените инсталации. По ринцип използувани като предпазните или сепараторни трансформатори. Произвеждани са с дяпазон на мощността: 12-400 VA

## TMB - мрежови трансформатори с укрепване без прегради

Серия мрежови трансформатори в испълнение с профилната сърцевина Еl за панелен монтаж. Предназначени са главно за монтаж в захранващите системи в електронните и електроенергетическите устройства а също и в промишлените инсталации. Произвеждани са с дяпазон на мощността: 20 - 1000 VA

## TMBS - мрежови трансформатори с релсово укрепление DIN (TS35) без прегради

Серия мрежови трансформатори с профилната сърцевина El. Предназначени са за монтаж върху релса DIN (TS35) в електроенергетическите устройства а също и в промишлените инсталации. Произвеждани са с дяпазон на мощността: 20 - 400 VA.

## ATR, ATRK - мрежови автотрансформатори: с регулация, с регулация за

## включване към климатизация

Серия мрежови автотрансформатори с регулиране напрваени с профилната сърцевина ЕІ. Предназначени са главно за регулиране на вентилация в климатизационните, вентилационните или огряващите системи. ATRK - произвеждани са за ток в дяпазон: 2 - 10 A.

## СТАНДАРТ: PN-EN 61558

Конструкция:
профилна сърцевина EI
двукоморен корпус с преграда (TSM, TSMS) или еднокоморен (TMB, TMBS, ATR, ATRK) изпълнен от негоримия полиамид подсилен със стъклено влакно
UL 94V0

- намотка от медена тел с едининчна или двойна изолация с температурен клас $B, F$ или $H$
- изолационен материал естрофол или електрокартон

импрегнат - електроизолационен лак
защита - липсва - трябва да се прилага във веригата от термичните изключватели PRI или SEC, варистори, стопяеми предпазители

- начин на извеждане с проводници, със затискащи лайстни или други след уточнение

укрепващи елементи - конзола, държачи и стяги за релса DIN
Електрически параметри - стандартни или по изискванията на клиента - по поръчката
диапазон на напрежението PRI $24 \div 500 \mathrm{~V} 50 / 60 \mathrm{~Hz}$; SEC $1 \div 1000 \mathrm{~V}$
топлинен клас Ta 40 B ( темп. на околната среда $40^{\circ} \mathrm{C}$, изолация клас $\mathrm{B} 130^{\circ} \mathrm{C}$ )

- тест на изолация $4 \mathrm{kV} / 60 \mathrm{~s}$; клас изолации I
- степен на защита IP00

Размерите, укрепването, извеждането, корпусите, са изпълнени по стандартните решения предоставени в Каталожните карти или след уточнения, съгласно индивидуалните изиисквания на клиента.

| Katalog <br> TSM <br> Strona 1 <br> Typ transformatora | Kod produktu | Karta katalogowa K K | $\begin{gathered} \text { Typ } \\ \text { rdzenia } \end{gathered}$ | Napięcie pierwotne znamionowe | Numery końcówek uzwojenia pierwotnego | Napięcia wtórne pod obciążeniem | Prad uzwojenia wtórnego | Numery końcówek uzwojenia wtórnego | Numery końcówek technolog. | Typ końcówek / Uwagi / Inne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Catalogue TSM Side 1 Type of transformer | Article Nr | $\begin{gathered} \text { Number of } \\ \text { cataloqgue card } \\ \text { KK } \end{gathered}$ | (type $\begin{gathered}\text { Type } \\ \text { of core }\end{gathered}$ | Primary rated voltage | Number of pins primary voltage | Secondary rated voltage voltage | $\begin{gathered} \text { Rated } \\ \text { secondary } \\ \text { current } \end{gathered}$ | Number of secondary voltage | Number of additional pins | Type of pins Comments |
| $\begin{aligned} & \hline \text { Der Katalog } \\ & \text { TSM } \begin{array}{c} \text { Die Seite } 1 \\ \text { Der Typ } \\ \text { der Transformator } \end{array} \\ & \hline \end{aligned}$ | der Code des Produktes | Katalogkarte | $\begin{aligned} & \text { der Typ der } \\ & \text { Kern } \end{aligned}$ | $\begin{array}{\|c\|c\|c\|c\|c\|c\|} \hline \text { Primar- } \\ \text { Nominalspannung } \end{array}$ | $\begin{aligned} & \text { die Nummern } \begin{array}{c} \text { der } \\ \text { Primarvickung } \\ \text {-Schüsse } \end{array} \end{aligned}$ | Sekundärspannung unter Belastung | der Strom der Sekundärwicklung | die Nummern der Sekundärwickl ung-Schlüsse | $\begin{array}{\|c\|c\|} \hline \begin{array}{c} \text { die Nummern } \\ \text { del } \\ \text { techologsch } \\ \text { e-Schlusse } \end{array} \\ \hline \end{array}$ | der Typ die Schlusse / Die Bemerkungen |
| Каталог TSM <br> Страница 1 Тип трансформатора | Номер товара | $\begin{gathered} \text { Kаталоговая } \\ \text { карта } \\ \text { KK } \end{gathered}$ | Тип сердечника | Номинальное первочальноена -пяжение |  | $\begin{aligned} & \text { Вторичное } \\ & \text { напряжение при } \\ & \text { нагрузке } \end{aligned}$ | Ток вторичной обмотки | $\begin{gathered} \text { Номера } \\ \text { наконечннков } \\ \text { вторичной } \\ \text { обмотки } \end{gathered}$ | номера технологичес ких штифтов | Тип штифта / Примечание |
| Katalog <br> TSM <br> Stránka 1 <br> Typ <br> transformátoru | Kod produktu | Katalogovy list | Typ jára | Puvodní jmenovité napěti | Císla koncovek puvodniho vinutí | Sekundánín napēti pod zatižením | $\begin{aligned} & \text { Proud } \\ & \text { sekundárnino } \\ & \text { vinuti } \end{aligned}$ | $\begin{gathered} \text { Císla } \\ \text { koncovek } \\ \text { sekundárniho } \\ \text { vinuti } \end{gathered}$ | $\begin{gathered} \text { Cisla } \\ \text { technologickic } \\ \mathrm{h} \text { koncovek } \end{gathered}$ | Typ koncovek / pripominky / Jiné |
|  | Код на изделието | каталожна листовка | $\begin{gathered} \text { Тип } \\ \text { сърцевината } \end{gathered}$ | Пьрвично напрежение напрежение | Номерата на накрайници на първичната | Вторично напрежение при натоварване | $\begin{gathered} \text { Ток на } \\ \text { вторичната } \\ \text { намотка } \end{gathered}$ | Номерата на накрайници на вторинна | Номерата на технологичнит е накрайници | Тип накрайника / |
|  |  |  |  | PRI U[V] |  | SEC U[V] | SEC I [ A ] |  |  |  |
| TSM 12/015M | 120012-015 | 54/EI 13-0/2 | El 54/18,8 | 230 | A-B | 12,0 | 1,0 | C-D | -- | LZ2 |
| TSM 12/016M | 120012-016 | 54/EI 13-0/2 | El 54/18,8 | 230 | A-B | 24,0 | 0,5 | C-D | -- | LZ2 |
| TSM 12/017M | 120012-017 | 54/EI 13-0/2 | El 54/18,8 | 230 | A-B | 230,0 | 0,05 | C-D | -- | LZ2 |
| TSM 12/018M | 120012-018 | 54/EI 13-0/2 | El 54/18,8 | 400 | A-B | 24,0 | 0,5 | C-D | -- | LZ2 |
| TSM 12/019M | 120012-019 | 54/EI 13-0/2 | El 54/18,8 | 400 | A-B | 230,0 | 0,05 | C-D | -- | LZ2 |
| TSM 12/020M | 120012-020 | 54/EI 13-0/2 | El 54/18,8 | 230 | A-B | 2x12,0 | 2×0,5 | C-D E-F | -- | LZ2 |
| TSM 12/021M | 120012-021 | 54/EI 13-0/2 | El 54/18,8 | 230 | A-B | 2x24,0 | 2x0,25 | C-D E-F | -- | LZ2 |
| TSM 12/022M | 120012-022 | 54/EI 13-0/2 | El 54/18,8 | 230 | A-B | 115,0 | 0,1 | C-D | -- | LZ2 |
| TSM 12/023M | 120012-023 | 54/EI 13-0/2 | El 54/18,8 | 400 | A-B | 2x12,0 | 2x0,5 | C-D E-F | -- | LZ2 |
| TSM 12/024M | 120012-024 | 54/EI 13-0/2 | El 54/18,8 | 400 | A-B | 2x24,0 | 2x0,25 | C-D E-G | -- | LZ2 |
| TSM 12/025M | 120012-025 | 54/EI 13-0/2 | El 54/18,8 | 400 | A-B | 115,0 | 0,1 | C-D | -- | LZ2 |
| TSM 12/026M | 120012-026 | 54/EI 13-0/2 | El 54/18,8 | 230 | A-B | 36,0 | 0,33 | C-D | -- | LZ2 |
| TSM 20/015M | 120020-015 | 60/EI 25-0/2 | El 60/21 | 230 | A-B | 12,0 | 1,66 | C-D | -- | LZ2 |
| TSM 20/016M | 120020-016 | 60/EI 25-0/2 | El 60/21 | 230 | A-B | 24,0 | 0,83 | C-D | -- | LZ2 |
| TSM 20/017M | 120020-017 | 60/EI 25-0/2 | El 60/21 | 230 | A-B | 230,0 | 0,08 | C-D | -- | LZ2 |
| TSM 20/018M | 120020-018 | 60/EI 25-0/2 | El 60/21 | 400 | A-B | 24,0 | 0,83 | C-D | -- | LZ2 |
| TSM 20/019M | 120020-019 | 60/EI 25-0/2 | El 60/21 | 400 | A-B | 230,0 | 0,08 | C-D | -- | LZ2 |
| TSM 20/020M | 120020-020 | 60/EI 25-0/2 | El 60/21 | 230 | A-B | 2x12,0 | 2x0,83 | C-D E-F | -- | LZ2 |
| TSM 20/021M | 120020-021 | 60/EI 25-0/2 | El 60/21 | 230 | A-B | 2x24,0 | 2x0,42 | C-D E-F | -- | LZ2 |
| TSM 20/022M | 120020-022 | 60/EI 25-0/2 | El 60/21 | 230 | A-B | 115,0 | 0,17 | C-D | -- | LZ2 |
| TSM 20/023M | 120020-023 | 60/EI 25-0/2 | El 60/21 | 400 | A-B | 2x12,0 | 2x0,83 | C-D E-F | -- | LZ2 |
| TSM 20/024M | 120020-024 | 60/EI 25-0/2 | El 60/21 | 400 | A-B | 2x24,0 | 2x0,42 | C-D E-F | -- | LZ2 |
| TSM 20/025M | 120020-025 | 60/EI 25-0/2 | El 60/21 | 400 | A-B | 115,0 | 0,17 | C-D | -- | LZ2 |
| TSM 20/026M | 120020-026 | 60/EI 25-0/2 | El 60/21 | 230 | A-B | 36,0 | 0,55 | C-D | -- | LZ2 |
| TSM 25/001M | 120025-001 | 60/EI 26-0/2 | El 60/25,5 | 230 | A-B | 12,0 | 2,08 | C-D | -- | LZ2 |
| TSM 25/002M | 120025-002 | 60/EI 26-0/2 | El 60/25,5 | 230 | A-B | 24,0 | 1,04 | C-D | -- | LZ2 |
| TSM 25/003M | 120025-003 | 60/EI 26-0/2 | El 60/25,5 | 230 | A-B | 230,0 | 0,11 | C-D | -- | LZ2 |
| TSM 25/004M | 120025-004 | 60/EI 26-0/2 | El 60/25,5 | 400 | A-B | 24,0 | 1,04 | C-D | -- | LZ2 |
| TSM 25/005M | 120025-005 | 60/EI 26-0/2 | El 60/25,5 | 400 | A-B | 230,0 | 0,11 | C-D | -- | LZ2 |
| TSM 25/006M | 120025-006 | 60/EI 26-0/2 | El 60/25,5 | 230 | A-B | 2x12,0 | 2x1,04 | C-D E-F | -- | LZ2 |
| TSM 25/007M | 120025-007 | 60/EI 26-0/2 | El 60/25,5 | 230 | A-B | 2x24,0 | 2x0,52 | C-D E-F | -- | LZ2 |
| TSM 25/008M | 120025-008 | 60/EI 26-0/2 | El 60/25,5 | 230 | A-B | 115,0 | 0,21 | C-D | -- | LZ2 |
| TSM 25/009M | 120025-009 | 60/EI 26-0/2 | El 60/25,5 | 400 | A-B | 2x12,0 | 2x1,04 | C-D E-F | -- | LZ2 |
| TSM 25/010M | 120025-010 | 60/EI 26-0/2 | El 60/25,5 | 400 | A-B | 2x24,0 | 2x0,52 | C-D E-F | -- | LZ2 |
| TSM 25/011M | 120025-011 | 60/EI 26-0/2 | El 60/25,5 | 400 | A-B | 115,0 | 0,21 | C-D | -- | LZ2 |
| TSM 25/012M | 120025-012 | 60/EI 26-0/2 | El 60/25,5 | 230 | A-B | 36,0 | 0,69 | C-D | -- | LZ2 |
| TSM 30/015M | 120030-015 | 60/EI 27-0/2 | El 60/31 | 230 | A-B | 12,0 | 2,5 | C-D | -- | LZ2 |
| TSM 30/016M | 120030-016 | 60/EI 27-0/2 | El 60/31 | 230 | A-B | 24,0 | 1,25 | C-D | -- | LZ2 |
| TSM 30/017M | 120030-017 | 60/EI 27-0/2 | El 60/31 | 230 | A-B | 230,0 | 0,13 | C-D | -- | LZ2 |
| TSM 30/018M | 120030-018 | 60/EI 27-0/2 | El 60/31 | 400 | A-B | 24,0 | 1,25 | C-D | -- | LZ2 |
| TSM 30/019M | 120030-019 | 60/EE1 27-0/2 | El 60/31 | 400 | A-B | 230,0 | 0,13 | C-D | -- | LZ2 |
| TSM 30/020M | 120030-020 | 66/EI 11-0/2 | El 66/23 | 230 | A-B | 12,0 | 2,5 | C-D | -- | LZ2 |
| TSM 30/021M | 120030-021 | 66/EI 11-0/2 | El 66/23 | 230 | A-B | 24,0 | 1,25 | C-D | -- | LZ2 |
| TSM 30/022M | 120030-022 | 66/EI 11-0/2 | El 66/23 | 230 | A-B | 230,0 | 0,13 | C-D | -- | LZ2 |
| TSM 30/023M | 120030-023 | 66/EI 11-0/2 | El 66/23 | 400 | A-B | 24,0 | 1,25 | C-D | -- | LZ2 |
| TSM 30/024M | 120030-024 | 66/EI 11-0/2 | El 66/23 | 400 | A-B | 230,0 | 0,13 | C-D | -- | LZ2 |
| TSM 30/025M | 120030-025 | 60/EI 27-0/2 | El 60/31 | 230 | A-B | 2x12,0 | 2x1,25 | C-D E-F | -- | LZ2 |
| TSM 30/026M | 120030-026 | 60/EI 27-0/2 | El 60/31 | 230 | A-B | 2x24,0 | 2x0,63 | C-D E-F | -- | LZ2 |
| TSM 30/027M | 120030-027 | 60/EI 27-0/2 | El 60/31 | 230 | A-B | 115,0 | 0,26 | C-D | -- | LZ2 |
| TSM 30/028M | 120030-028 | 60/EI 27-0/2 | El 60/31 | 400 | A-B | 2x12,0 | 2x1,25 | C-D E-F | -- | LZ2 |
| TSM 30/029M | 120030-029 | 60/EI 27-0/2 | El 60/31 | 400 | A-B | 2x24,0 | 2x0,63 | C-D E-F | -- | LZ2 |
| TSM 30/030M | 120030-030 | 60/EI 27-0/2 | El 60/31 | 400 | A-B | 115,0 | 0,26 | C-D | -- | LZ2 |
| TSM 30/031M | 120030-031 | 66/EI 11-0/2 | El 66/23 | 230 | A-B | 2x12,0 | 2x1,25 | C-D E-F | -- | LZ2 |
| TSM 30/032M | 120030-032 | 66/EI 11-0/2 | El 66/23 | 230 | A-B | 2x24,0 | 2x0,63 | C-D E-F | -- | LZ2 |
| TSM 30/033M | 120030-033 | 66/EI 11-0/2 | El 66/23 | 230 | A-B | 115,0 | 0,26 | C-D | -- | LZ2 |
| TSM 30/034M | 120030-034 | 66/EI 11-0/2 | El 66/23 | 400 | A-B | 2x12,0 | 2x1,25 | C-D E-F | -- | LZ2 |
| TSM 30/035M | 120030-035 | 66/EI 11-0/2 | El 66/23 | 400 | A-B | 2x24,0 | 2x0,63 | C-D E-F | -- | LZ2 |
| TSM 30/036M | 120030-036 | 66/EI 11-0/2 | El 66/23 | 400 | A-B | 115,0 | 0,26 | C-D | -- | LZ2 |
| TSM 30/037M | 120030-037 | 66/EI 11-0/2 | El 66/23 | 230 | A-B | 36,0 | 0,83 | C-D | -- | LZ2 |
| TSM 30/038M | 120030-038 | 66/EI 11-0/2 | El 66/23 | 400 | A-B | 42,0 | 0,71 | C-D | -- | LZ2 |
| TSM 35/001M | 120035-001 | 66/EI 12-0/2 | El 66/27 | 230 | A-B | 12,0 | 2,9 | C-D | -- | LZ2 |
| TSM 35/002M | 120035-002 | 66/EI 12-0/2 | El 66/27 | 230 | A-B | 24,0 | 1,46 | C-D | -- | LZ2 |
| TSM 35/003M | 120035-003 | 66/EI 12-0/2 | El 66/27 | 230 | A-B | 230,0 | 0,15 | C-D | -- | LZ2 |
| TSM 35/004M | 120035-004 | 66/EI 12-0/2 | El 66/27 | 400 | A-B | 24,0 | 1,46 | C-D | -- | LZ2 |
| TSM 35/005M | 120035-005 | 66/EI 12-0/2 | El 66/27 | 400 | A-B | 230,0 | 0,15 | C-D | -- | LZ2 |
| TSM 35/006M | 120035-006 | 66/EI 12-0/2 | El 66/27 | 230 | A-B | 2x12,0 | 2x1,46 | C-D E-F | -- | LZ2 |
| TSM 35/007M | 120035-007 | 66/EI 12-0/2 | El 66/27 | 230 | A-B | 2x24,0 | 2x0,73 | C-D E-F | -- | LZ2 |
| TSM 35/008M | 120035-008 | 66/EI 12-0/2 | El 66/27 | 230 | A-B | 115,0 | 0,3 | C-D | -- | LZ2 |
| TSM 35/009M | 120035-009 | 66/EI 12-0/2 | El 66/27 | 400 | A-B | 2x12,0 | 2x1,46 | C-D E-F | -- | LZ2 |
| TSM 35/010M | 120035-010 | 66/EI 12-0/2 | El 66/27 | 400 | A-B | $2 \times 24,0$ | 2x0,73 | C-D E-F | -- | LZ2 |
| TSM 35/011M | 120035-011 | 66/EI 12-0/2 | El 66/27 | 400 | A-B | 115,0 | 0,3 | C-D | -- | LZ2 |
| TSM 35/012M | 120035-012 | 66/EI 12-0/2 | El 66/27 | 230 | A-B | 36,0 | 0,97 | C-D | -- | LZ2 |
| TSM 50/001M | 120050-001 | 66/EI 13-0/2 | El 66/35 | 230 | A-B | 12,0 | 4,16 | C-D | -- | LZ2 |
| TSM 50/002M | 120050-002 | 66/EI 13-0/2 | El 66/35 | 230 | A-B | 24,0 | 2,08 | C-D | -- | LZ2 |


| Katalog <br> TSM <br> Strona 2 <br> Typ <br> transformatora | Kod produktu | Karta katalogowa K K | Typ rdzenia | Napięcie pierwotne znamionowe PRI U[V] | Numery końcówek uzwojenia pierwotnego | Napięcia wtórne pod obciazżeniem SEC U [ V ] | Prą uzwojenia wtórnego SEC I [ A ] | Numery końcówek uzwojenia wtórnego | Numery końcówek technolog. | Typ końcówek / Uwagi / Inne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TSM 50/003M | 120050-003 | 66/EI 13-0/2 | El 66/35 | 230 | A-B | 230,0 | 0,21 | C-D | -- | LZ2 |
| TSM 50/004M | 120050-004 | 66/EI 13-0/2 | El 66/35 | 400 | A-B | 24,0 | 2,08 | C-D | -- | LZ2 |
| TSM 50/005M | 120050-005 | 66/EI 13-0/2 | El 66/35 | 400 | A-B | 230,0 | 0,21 | C-D | -- | LZ2 |
| TSM 50/006M | 120050-006 | 66/EI 13-0/2 | El 66/35 | 230 | A-B | 2x12,0 | 2x2,08 | C-D E-F | -- | LZ2 |
| TSM 50/007M | 120050-007 | 66/EI 13-0/2 | El 66/35 | 230 | A-B | 2x24,0 | 2x1,04 | C-D E-F | -- | LZ2 |
| TSM 50/008M | 120050-008 | 66/EI 13-0/2 | El 66/35 | 230 | A-B | 115,0 | 0,43 | C-D | -- | LZ2 |
| TSM 50/009M | 120050-009 | 66/EI 13-0/2 | El 66/35 | 400 | A-B | 2x12,0 | 2x2,08 | C-D E-F | -- | LZ2 |
| TSM 50/010M | 120050-010 | 66/EI 13-0/2 | El 66/35 | 400 | A-B | 2x24,0 | 2x1,04 | C-D E-F | -- | LZ2 |
| TSM 50/011M | 120050-011 | 66/EI 13-0/2 | El 66/35 | 400 | A-B | 115,0 | 0,43 | C-D | -- | LZ2 |
| TSM 50/013M | 120050-013 | 66/EI 13-0/2 | El 66/35 | 230 | A-B | 36,0 | 1,38 | C-D | -- | LZ2 |
| TSM 50/014M | 120050-014 | 66/EI 13-0/2 | El 66/35 | 400 | A-B | 42,0 | 1,19 | C-D | -- | LZ2 |
| TSM 50/015M | 120050-014 | 66/EI 13-0/2 | El 66/35 | 500 | A-B | 24,0 | 2,08 | C-D | -- | LZ2 |
| TSM 50/016M | 120050-014 | 66/EI 13-0/2 | El 66/35 | 500 | A-B | 230,0 | 0,21 | C-D | -- | LZ2 |
| TSM 60/001M | 120060-001 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 12,0 | 5,0 | C-D | -- | LZ1 |
| TSM 60/002M | 120060-002 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 24,0 | 2,5 | C-D | -- | LZ1 |
| TSM 60/003M | 120060-003 | 78/E1 03-0/2 | El 78/27 | 230 | A-B | 230,0 | 0,26 | C-D | -- | LZ1 |
| TSM 60/004M | 120060-004 | 78/EI 03-0/2 | El 78/27 | 400 | A-B | 24,0 | 2,5 | C-D | -- | LZ1 |
| TSM 60/005M | 120060-005 | 78/EI 03-0/2 | El 78/27 | 400 | A-B | 230,0 | 0,26 | C-D | -- | LZ1 |
| TSM 60/006M | 120060-006 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 2x12,0 | 2x2,5 | C-D E-F | -- | LZ1 |
| TSM 60/007M | 120060-007 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 2x24,0 | 2x1,25 | C-D E-F | -- | LZ1 |
| TSM 60/008M | 120060-008 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 115,0 | 0,52 | C-D | -- | LZ1 |
| TSM 60/009M | 120060-009 | 78/EI 03-0/2 | El 78/27 | 400 | A-B | 2x12,0 | 2x2,5 | C-D E-F | -- | LZ1 |
| TSM 60/010M | 120060-010 | 78/EI 03-0/2 | El 78/27 | 400 | A-B | 2x24,0 | 2x1,25 | C-D E-F | -- | LZ1 |
| TSM 60/011M | 120060-011 | 78/E1 03-0/2 | El 78/27 | 400 | A-B | 115,0 | 0,52 | C-D | -- | LZ1 |
| TSM 60/012M | 120060-012 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 36,0 | 1,66 | C-D | -- | LZ1 |
| TSM 60/013M | 120060-013 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 42,0 | 1,42 | C-D | -- | LZ1 |
| TSM 60/015M | 120060-015 | 78/EI 03-0/2 | El 78/27 | 500 | A-B | 24,0 | 2,5 | C-D | -- | LZ1 |
| TSM 60/016M | 120060-016 | 78/EI 03-0/2 | El 78/27 | 500 | A-B | 230,0 | 0,26 | C-D | -- | LZ1 |
| TSM 80/001M | 120080-001 | 78/EI 04-0/2 | El 78/36 | 230 | A-B | 12,0 | 6,66 | C-D | -- | LZ1 |
| TSM 80/002M | 120080-002 | 78/EI 04-0/2 | El 78/36 | 230 | A-B | 24,0 | 3,33 | C-D | -- | LZ1 |
| TSM 80/003M | 120080-003 | 78/EI 04-0/2 | El 78/36 | 230 | A-B | 230,0 | 0,34 | C-D | -- | LZ1 |
| TSM 80/004M | 120080-004 | 78/EI 04-0/2 | El 78/36 | 400 | A-B | 24,0 | 3,33 | C-D | -- | LZ1 |
| TSM 80/005M | 120080-005 | 78/EI 04-0/2 | El 78/36 | 400 | A-B | 230,0 | 0,34 | C-D | -- | LZ1 |
| TSM 80/006M | 120080-006 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | 12,0 | 6,66 | C-D | -- | LZ1 |
| TSM 80/007M | 120080-007 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | 24,0 | 3,33 | C-D | -- | LZ1 |
| TSM 80/008M | 120080-008 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | 230,0 | 0,34 | C-D | -- | LZ1 |
| TSM 80/009M | 120080-009 | 84/EI 09-0/2 | El 84/29 | 400 | A-B | 24,0 | 3,33 | C-D | -- | LZ1 |
| TSM 80/010M | 120080-010 | 84/EI 09-0/2 | El 84/29 | 400 | A-B | 230,0 | 0,34 | C-D | -- | LZ1 |
| TSM 80/011M | 120080-011 | 78/EI 04-0/2 | El 78/36 | 230 | A-B | 2x12,0 | 2x3,33 | C-D E-F | -- | LZ1 |
| TSM 80/012M | 120080-012 | 78/EI 04-0/2 | El 78/36 | 230 | A-B | 2x24,0 | 2x1,67 | C-D E-F | -- | LZ1 |
| TSM 80/013M | 120080-013 | 78/EI 04-0/2 | El 78/36 | 230 | A-B | 115,0 | 0,69 | C-D | -- | LZ1 |
| TSM 80/014M | 120080-014 | 78/E1 04-0/2 | El 78/36 | 400 | A-B | 2x12,0 | 2x3,33 | C-D E-F | -- | LZ1 |
| TSM 80/015M | 120080-015 | 78/EI 04-0/2 | El 78/36 | 400 | A-B | 2x24,0 | 2x1,67 | C-D E-F | -- | LZ1 |
| TSM 80/016M | 120080-016 | 78/EI 04-0/2 | El 78/36 | 400 | A-B | 115,0 | 0,69 | C-D | -- | LZ1 |
| TSM 80/017M | 120080-017 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | 2x12,0 | 2x3,33 | C-D E-F | -- | LZ1 |
| TSM 80/018M | 120080-018 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | $2 \times 24,0$ | 2x1,67 | C-D E-F | -- | LZ1 |
| TSM 80/019M | 120080-019 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | 115,0 | 0,69 | C-D | -- | LZ1 |
| TSM 80/020M | 120080-020 | 84/EI 09-0/2 | El 84/29 | 400 | A-B | 2x12,0 | 2x3,33 | C-D E-F | -- | LZ1 |
| TSM 80/021M | 120080-021 | 84/EI 09-0/2 | El 84/29 | 400 | A-B | 2x24,0 | 2x1,67 | C-D E-F | -- | LZ1 |
| TSM 80/022M | 120080-022 | 84/EI 09-0/2 | El 84/29 | 400 | A-B | 115,0 | 0,69 | C-D | -- | LZ1 |
| TSM 80/023M | 120080-023 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | 36,0 | 2,22 | C-D | -- | LZ1 |
| TSM 80/025M | 120080-025 | 84/EI 09-0/2 | El 84/29 | 500 | A-B | 24,0 | 3,33 | C-D | -- | LZ1 |
| TSM 80/026M | 120080-026 | 84/EI 09-0/2 | El 84/29 | 500 | A-B | 230,0 | 0,34 | C-D | -- | LZ1 |
| TSM 85/001M | 120085-001 | 84/EI 10-0/2 | El 84/32 | 230 | A-B | 12,0 | 7,08 | C-D | -- | LZ1 |
| TSM 85/002M | 120085-002 | 84/EI 10-0/2 | El 84/32 | 230 | A-B | 24,0 | 3,54 | C-D | -- | LZ1 |
| TSM 85/003M | 120085-003 | 84/EI 10-0/2 | El 84/32 | 230 | A-B | 230,0 | 0,36 | C-D | -- | LZ1 |
| TSM 85/004M | 120085-004 | 84/EI 10-0/2 | El 84/32 | 400 | A-B | 24,0 | 3,54 | C-D | -- | LZ1 |
| TSM 85/005M | 120085-005 | 84/EI 10-0/2 | El 84/32 | 400 | A-B | 230,0 | 0,36 | C-D | -- | LZ1 |
| TSM 85/006M | 120085-006 | 84/EI 10-0/2 | El 84/32 | 230 | A-B | 2x12,0 | 2x3,54 | C-D E-F | -- | LZ1 |
| TSM 85/007M | 120085-007 | 84/EI 10-0/2 | El 84/32 | 230 | A-B | 2x24,0 | 2x1,77 | C-D E-F | -- | LZ1 |
| TSM 85/008M | 120085-008 | 84/EI 10-0/2 | El 84/32 | 230 | A-B | 115,0 | 0,73 | C-D | -- | LZ1 |
| TSM 85/009M | 120085-009 | 84/EI 10-0/2 | El 84/32 | 400 | A-B | 2x12,0 | 2x3,54 | C-D E-F | -- | LZ1 |
| TSM 85/010M | 120085-010 | 84/EE1 10-0/2 | El 84/32 | 400 | A-B | 2x24,0 | 2x1,77 | C-D E-F | -- | LZ1 |
| TSM 85/011M | 120085-011 | 84/EI 10-0/2 | El 84/32 | 400 | A-B | 115,0 | 0,73 | C-D | -- | LZ1 |
| TSM 85/012M | 120085-012 | 84/EI 10-0/2 | El 84/32 | 230 | A-B | 36,0 | 2,36 | C-D | -- | LZ1 |
| TSM 90/001M | 120090-001 | 78/EI 05-0/2 | El 78/40 | 230 | A-B | 12,0 | 7,5 | C-D | -- | LZ1 |
| TSM 90/002M | 120090-002 | 78/EI 05-0/2 | El 78/40 | 230 | A-B | 24,0 | 3,75 | C-D | -- | LZ1 |
| TSM 90/003M | 120090-003 | 78/EI 05-0/2 | El 78/40 | 230 | A-B | 230,0 | 0,39 | C-D | -- | LZ1 |
| TSM 90/004M | 120090-004 | 78/EI 05-0/2 | El 78/40 | 400 | A-B | 24,0 | 3,75 | C-D | -- | LZ1 |
| TSM 90/005M | 120090-005 | 78/EI 05-0/2 | El 78/40 | 400 | A-B | 230,0 | 0,39 | C-D | -- | LZ1 |
| TSM 90/006M | 120090-006 | 84/EI 11-0/2 | El 84/38 | 230 | A-B | 12,0 | 7,5 | C-D | -- | LZ1 |
| TSM 90/007M | 120090-007 | 84/EI 11-0/2 | El 84/38 | 230 | A-B | 24,0 | 3,75 | C-D | -- | LZ1 |
| TSM 90/008M | 120090-008 | 84/EI 11-0/2 | El 84/38 | 230 | A-B | 230,0 | 0,39 | C-D | -- | LZ1 |
| TSM 90/009M | 120090-009 | 84/EI 11-0/2 | El $84 / 38$ | 400 | A-B | 24,0 | 3,75 | C-D | -- | LZ1 |
| TSM 90/010M | 120090-010 | 84/EI 11-0/2 | El 84/38 | 400 | A-B | 230,0 | 0,39 | C-D | -- | LZ1 |
| TSM 90/011M | 120090-011 | 78/EI 05-0/2 | El 78/40 | 230 | A-B | 2x12,0 | 2x3,75 | C-D E-F | -- | LZ1 |
| TSM 90/012M | 120090-012 | 78/EI 05-0/2 | El 78/40 | 230 | A-B | 2x24,0 | 2x1,88 | C-D E-F | -- | LZ1 |
| TSM 90/013M | 120090-013 | 78/EI 05-0/2 | El 78/40 | 230 | A-B | 115,0 | 0,78 | C-D | -- | LZ1 |
| TSM 90/014M | 120090-014 | 78/EI 05-0/2 | El 78/40 | 400 | A-B | 2x12,0 | 2x3,75 | C-D E-F | -- | LZ1 |
| TSM 90/015M | 120090-015 | 78/EI 05-0/2 | El 78/40 | 400 | A-B | 2x24,0 | 2x1,88 | C-D E-F | -- | LZ1 |
| TSM 90/016M | 120090-016 | 78/EI 05-0/2 | El 78/40 | 400 | A-B | 115,0 | 0,78 | C-D | -- | LZ1 |
| TSM 90/017M | 120090-017 | 78/EI 05-0/2 | El 78/40 | 230 | A-B | 36,0 | 2,5 | C-D | -- | LZ1 |
| TSM 100/001M | 120100-001 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 12,0 | 8,33 | C-D | -- | LZ1 |
| TSM 100/002M | 120100-002 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 24,0 | 4,17 | C-D | -- | LZ1 |
| TSM 100/003M | 120100-003 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 230,0 | 0,43 | C-D | -- | LZ1 |
| TSM 100/004M | 120100-004 | 84/EI 12-0/2 | El 84/44 | 400 | A-B | 24,0 | 4,17 | C-D | -- | LZ1 |
| TSM 100/005M | 120100-005 | 84/EI 12-0/2 | El 84/44 | 400 | A-B | 230,0 | 0,43 | C-D | -- | LZ1 |
| TSM 100/006M | 120100-006 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 2x12,0 | 2x4,17 | C-D E-F | -- | LZ1 |
| TSM 100/007M | 120100-007 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 2x24,0 | 2x2,09 | C-D E-F | -- | LZ1 |
| TSM 100/008M | 120100-008 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 115,0 | 0,87 | C-D | -- | LZ1 |
| TSM 100/009M | 120100-009 | 84/EI 12-0/2 | El 84/44 | 400 | A-B | 2x12,0 | 2x4,17 | C-D E-F | -- | LZ1 |
| TSM 100/010M | 120100-010 | 84/EI 12-0/2 | El 84/44 | 400 | A-B | 2×24,0 | 2x2,09 | C-D E-F | -- | LZ1 |


| Katalog <br> TSM <br> Strona 3 <br> Typ <br> transformatora | Kod produktu | Karta katalogowa K K | Typ rdzenia | Napięcie pierwotne znamionowe <br> PRI U[V] | Numery końcówek uzwojenia pierwotnego | Napięcia wtórne pod obciążeniem SEC U[V] | Prad uzwojenia wtórnego I [A] | Numery końcówek uzwojenia wtórnego | Numery końcówek technolog. | Typ końcówek / Uwagi / Inne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TSM 100/011M | 120100-011 | 84/EI 12-0/2 | El 84/44 | 400 | A-B | 115,0 | 0,87 | C-D | -- | LZ1 |
| TSM 100/012M | 120100-012 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 36,0 | 2,77 | C-D | -- | LZ1 |
| TSM 100/013M | 120100-013 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 42,0 | 2,38 | C-D | -- | LZ1 |
| TSM 100/014M | 120100-014 | 84/EI 12-0/2 | El 84/44 | $\begin{gathered} 230 \text { lub } \\ 400 \end{gathered}$ | $\begin{gathered} \text { A-B lub } \\ \text { A-C } \end{gathered}$ | 230 24 | 0,3 | D-E | -- | LZ1 |
| TSM 100/015M | 120100-015 | 84/EI 12-0/2 | El 84/44 | $\begin{gathered} 230 \text { lub } \\ 400 \end{gathered}$ | A-B lub A-C | 230 24 | 0,13 2,92 | D-E | -- | LZ1 |
| TSM 100/016M | 120100-016 | 96/EI 01-0/2 | El 96/36 | 230 lub 400 | A-B lub A-C | 230 | 0,22 2,09 | D-E | -- | LZ1 |
| TSM 100/018M | 120100-018 | 84/EI 12-0/2 | El 84/44 | 400 | A-B | 12,0 | 8,33 | C-D | -- | LZ1 |
| TSM 100/019M | 120100-019 | 84/EI 12-0/2 | El 84/44 | 500 | A-B | 24,0 | 4,17 | C-D | -- | LZ1 |
| TSM 100/020M | 120100-020 | 84/EI 12-0/2 | El 84/44 | 500 | A-B | 230,0 | 0,43 | C-D | -- | LZ1 |
| TSM 100/021M | 120100-021 | 84/EI 12-0/2 | El 84/44 | 230 lub 400 | A-B lub A-C | 230 24,0 | 0,22 2,09 | D-E | -- | LZ1 |
| TSM 120/001M | 120120-001 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 12,0 | 10,0 | C-D | -- | LZ1 |
| TSM 120/002M | 120120-002 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 24,0 | 5,0 | C-D | -- | LZ1 |
| TSM 120/003M | 120120-003 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 230,0 | 0,52 | C-D | -- | LZ1 |
| TSM 120/004M | 120120-004 | 96/EI 01-0/2 | El 96/36 | 400 | A-B | 24,0 | 5,0 | C-D | -- | LZ1 |
| TSM 120/005M | 120120-005 | 96/EI 01-0/2 | El 96/36 | 400 | A-B | 230,0 | 0,52 | C-D | -- | LZ1 |
| TSM 120/006M | 120120-006 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 2x12,0 | 2x5,0 | C-D E-F | -- | LZ1 |
| TSM 120/007M | 120120-007 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 2x24,0 | 2x2,5 | C-D E-F | -- | LZ1 |
| TSM 120/008M | 120120-008 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 115,0 | 1,04 | C-D | -- | LZ1 |
| TSM 120/009M | 120120-009 | 96/EI 01-0/2 | El 96/36 | 400 | A-B | 2x12,0 | 2x5,0 | C-D E-F | -- | LZ1 |
| TSM 120/010M | 120120-010 | 96/EI 01-0/2 | El 96/36 | 400 | A-B | 2x24,0 | 2x2,5 | C-D E-F | -- | LZ1 |
| TSM 120/011M | 120120-011 | 96/EI 01-0/2 | El 96/36 | 400 | A-B | 115,0 | 1,04 | C-D | -- | LZ1 |
| TSM 120/012M | 120120-012 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 36,0 | 3,33 | C-D | -- | LZ1 |
| TSM 120/013M | 120120-013 | 96/EI 01-0/2 | El 96/36 | 500 | A-B | 24,0 | 5,0 | C-D | -- | LZ1 |
| TSM 120/014M | 120120-014 | 96/EI 01-0/2 | El 96/36 | 500 | A-B | 42,0 | 2,85 | C-D | -- | LZ1 |
| TSM 120/015M | 120120-015 | 96/EI 01-0/2 | El 96/36 | 500 | A-B | 230,0 | 0,52 | C-D | -- | LZ1 |
| TSM 160/001M | 120160-001 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 12,0 | 13,33 | C-D | -- | LZ1 |
| TSM 160/002M | 120160-002 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 24,0 | 6,67 | C-D | -- | LZ1 |
| TSM 160/003M | 120160-003 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 230,0 | 0,69 | C-D | -- | LZ1 |
| TSM 160/004M | 120160-004 | 96/EI 02-0/2 | El 96/46 | 400 | A-B | 24,0 | 6,67 | C-D | -- | LZ1 |
| TSM 160/005M | 120160-005 | 96/EI 02-0/2 | El 96/46 | 400 | A-B | 230,0 | 0,69 | C-D | -- | LZ1 |
| TSM 160/006M | 120160-006 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 2x12,0 | 2x6,67 | C-D E-F | -- | LZ1 |
| TSM 160/007M | 120160-007 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 2x24,0 | 2x3,34 | C-D E-F | -- | LZ1 |
| TSM 160/008M | 120160-008 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 115,0 | 1,39 | C-D | -- | LZ1 |
| TSM 160/009M | 120160-009 | 96/EI 02-0/2 | El 96/46 | 400 | A-B | 2x12,0 | 2x6,67 | C-D E-F | -- | LZ1 |
| TSM 160/010M | 120160-010 | 96/EI 02-0/2 | El 96/46 | 400 | A-B | 2x24,0 | 2x3,34 | C-D E-F | -- | LZ1 |
| TSM 160/011M | 120160-011 | 96/EI 02-0/2 | El 96/46 | 400 | A-B | 115,0 | 1,39 | C-D | -- | LZ1 |
| TSM 160/012M | 120160-012 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 36,0 | 4,44 | C-D | -- | LZ1 |
| TSM 160/013M | 120160-013 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 42,0 | 3,8 | C-D | -- | LZ1 |
| TSM 160/014M | 120160-014 | 96/EI 03-0/2 | El 96/60 | 230 lub | A-B lub | 230,0 | 0,35 | D-E | -- | LZ1 |
|  |  |  |  | 400 | A-C | 24,0 | 3,33 | F-G |  |  |
| TSM 160/016M | 120160-016 | 96/EI 02-0/2 | El 96/46 | 500 | A-B | 24,0 | 6,66 | C-D | -- | LZ1 |
| TSM 160/017M | 120160-017 | 96/EI 02-0/2 | El 96/46 | 500 | A-B | 42,0 | 3,80 | C-D | -- | LZ1 |
| TSM 160/018M | 120160-018 | 96/EI 02-0/2 | El 96/46 | 500 | A-B | 115,0 | 1,39 | C-D | -- | LZ1 |
| TSM 160/019M | 120160-019 | 96/EI 02-0/2 | El 96/46 | 500 | A-B | 230,0 | 0,69 | C-D | -- | LZ1 |
| TSM 160/021M | 120160-021 | 96/EI 02-0/2 | El 96/46 | 230 lub | A-B lub | 230,0 | 0,35 | D-E | -- | LZ1 |
|  |  |  |  | 400 | A-C | 24,0 | 3,33 | F-G |  |  |
| TSM 200/001M | 120200-001 | 96/EI 03-0/2 | El 96/60 | 230 | A-B | 12,0 | 16,67 | C-D | -- | LZ1 |
| TSM 200/002M | 120200-002 | 96/EI 03-0/2 | El 96/60 | 230 | A-B | 24,0 | 8,34 | C-D | -- | LZ1 |
| TSM 200/003M | 120200-003 | 96/EI 03-0/2 | El 96/60 | 230 | A-B | 230,0 | 0,87 | C-D | -- | LZ1 |
| TSM 200/004M | 120200-004 | 96/EI 03-0/2 | El 96/60 | 400 | A-B | 24,0 | 8,34 | C-D | -- | LZ1 |
| TSM 200/005M | 120200-005 | 96/EI 03-0/2 | El 96/60 | 400 | A-B | 230,0 | 0,87 | C-D | -- | LZ1 |
| TSM 200/006M | 120200-006 | 96/EI 03-0/2 | El 96/60 | 230 | A-B | 2x12,0 | 2x8,33 | C-D E-F | -- | LZ1 |
| TSM 200/007M | 120200-007 | 96/EI 03-0/2 | El 96/60 | 230 | A-B | 2x24,0 | 2x4,17 | C-D E-F | -- | LZ1 |
| TSM 200/008M | 120200-008 | 96/EI 03-0/2 | El 96/60 | 230 | A-B | 115,0 | 1,74 | C-D | -- | LZ1 |
| TSM 200/009M | 120200-009 | 96/EI 03-0/2 | El 96/60 | 400 | A-B | 2x12,0 | 2x8,33 | C-D E-F | -- | LZ1 |
| TSM 200/010M | 120200-010 | 96/EI 03-0/2 | El 96/60 | 400 | A-B | 2x24,0 | 2x4,17 | C-D E-F | -- | LZ1 |
| TSM 200/011M | 120200-011 | 96/EI 03-0/2 | El 96/60 | 400 | A-B | 115,0 | 1,74 | C-D | -- | LZ1 |
| TSM 200/012M | 120200-012 | 96/EI 03-0/2 | El 96/60 | 230 | A-B | 36,0 | 5,55 | C-D | -- | LZ1 |
| TSM 200/013M | 120200-013 | 96/EI 03-0/2 | El 96/60 | 230 | A-B | 42,0 | 4,76 | C-D | -- | LZ1 |
| TSM 200/016M | 120200-016 | 96/EI 03-0/2 | El 96/60 | 500 | A-B | 24,0 | 8,33 | C-D | -- | LZ1 |
| TSM 200/017M | 120200-017 | 96/EI 03-0/2 | El 96/60 | 500 | A-B | 42,0 | 4,76 | C-D | -- | LZ1 |
| TSM 200/018M | 120200-018 | 96/EI 03-0/2 | El 96/60 | 500 | A-B | 230,0 | 0,86 | C-D | -- | LZ1 |
| TSM 250/001M | 120250-001 | 120/EIE101-0/2 | El 120/42 | 230 | A-B | 2x12,0 | 2x10,4 | C-D E-F | -- | LZ1 |
| TSM 250/002M | 120250-002 | 120/EI 01-0/2 | El 120/42 | 230 | A-B | 24,0 | 10,4 | C-D | -- | LZ1 |
| TSM 250/003M | 120250-003 | 120/EI 01-0/2 | El 120/42 | 230 | A-B | 230,0 | 1,08 | C-D | -- | LZ1 |
| TSM 250/004M | 120250-004 | 120/EI 01-0/2 | El 120/42 | 400 | A-B | 24,0 | 10,4 | C-D | -- | LZ1 |
| TSM 250/005M | 120250-005 | 120/EI 01-0/2 | El 120/42 | 400 | A-B | 230,0 | 1,08 | C-D | -- | LZ1 |
| TSM 250/006M | 120250-006 | 130/EI 01-0/2 | El 130/38 | 230 | A-B | 2x12,0 | 2x10,4 | C-D E-F | -- | LZ1 |
| TSM 250/007M | 120250-007 | 130/EI 01-0/2 | El 130/38 | 230 | A-B | 24,0 | 10,4 | C-D | -- | LZ1 |
| TSM 250/008M | 120250-008 | 130/EI 01-0/2 | El 130/38 | 230 | A-B | 230,0 | 1,08 | C-D | -- | LZ1 |
| TSM 250/009M | 120250-009 | 130/EI 01-0/2 | El 130/38 | 400 | A-B | 24,0 | 10,4 | C-D | -- | LZ1 |
| TSM 250/010M | 120250-010 | 130/EI 01-0/2 | El 130/38 | 400 | A-B | 230,0 | 1,08 | C-D | -- | LZ1 |
| TSM 250/011M | 120250-011 | 120/EI 01-0/2 | El 120/42 | $\begin{gathered} 230 \text { lub } \\ 115 \end{gathered}$ | A-C | 2x12,5 | 2×10,4 | D-E F-G | -- | LZ1 |
| TSM 250/012M | 120250-012 | 120/EI 01-0/2 | El 120/42 | 230 | A-B | 2x24,0 | 2x5,21 | C-D E-F | -- | LZ1 |
| TSM 250/013M | 120250-013 | 120/EI 01-0/2 | El 120/42 | 230 | A-B | 115,0 | 2,17 | C-D | -- | LZ1 |
| TSM 250/014M | 120250-014 | 120/EI 01-0/2 | El 120/42 | 400 | A-B | 2x12,0 | 2x10,42 | C-D E-F | -- | LZ1 |
| TSM 250/015M | 120250-015 | 120/EI 01-0/2 | El 120/42 | 400 | A-B | 2x24,0 | 2x5,21 | C-D E-F | -- | LZ1 |
| TSM 250/016M | 120250-016 | 120/EI 01-0/2 | El 120/42 | 400 | A-B | 115,0 | 2,17 | C-D | -- | LZ1 |
| TSM 250/017M | 120250-017 | 130/EI 01-0/2 | El 130/38 | 230 | A-B | $2 \times 24,0$ | 2x5,21 | C-D E-F | -- | LZ1 |
| TSM 250/018M | 120250-018 | 130/EI 01-0/2 | El 130/38 | 230 | A-B | 115,0 | 2,17 | C-D | -- | LZ1 |
| TSM 250/019M | 120250-019 | 130/EI 01-0/2 | El 130/38 | 400 | A-B | 2x12,0 | 2x10,42 | C-D E-F | -- | LZ1 |
| TSM 250/020M | 120250-020 | 130/EI 01-0/2 | El 130/38 | 400 | A-B | 2x24,0 | 2x5,21 | C-D E-F | -- | LZ1 |
| TSM 250/021M | 120250-021 | 130/EI 01-0/2 | El 130/38 | 400 | A-B | 115,0 | 2,17 | C-D | -- | LZ1 |
| TSM 250/022M | 120250-022 | 120/EI 01-0/2 | El 120/42 | 230 | A-B | 36,0 | 6.94 | C-D | -- | LZ1 |
| TSM 250/023M | 120250-023 | 130/EI 01-0/2 | El 130/38 | 230 | A-B | 42,0 | 5.95 | C-D | -- | LZ1 |
| TSM 250/024M | 120250-024 | 120/EI 02-0/2 | El 120/54 | $\begin{gathered} 230 \text { lub } \\ 400 \end{gathered}$ | $\begin{gathered} \text { A-B lub } \\ A-C \end{gathered}$ | 230,0 24,0 | 0,54 5,21 | D-E | -- | LZ1 |


| Katalog TSM <br> Strona 4 <br> Typ transformatora | Kod produktu | Karta katalogowa K K | Typ rdzenia | Napięcie pierwotne znamionowe PRI U[V] | Numery końcówek uzwojenia pierwotnego | Napięcia wtórne pod obciazzeniem SEC U [ V ] | Prad uzwojenia wtórnego SEC I [ A ] | Numery końcówek uzwojenia wtórnego | Numery końcówek technolog. | Typ końcówek / Uwagi / Inne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TSM 250/026M | 120250-026 | 120/EI 01-0/2 | El 120/42 | 230 | A-B | 36,0 | 6.94 | C-D | -- | LZ1 |
| TSM 250/027M | 120250-027 | 120/EI 01-0/2 | El 120/42 | 230 | A-B | 48,0 | 5,22 | C-D | -- | LZ1 |
| TSM 250/028M | 120250-028 | 120/EI 01-0/2 | El 120/42 | 400 | A-B | 42,0 | 5,95 | C-D | -- | LZ1 |
| TSM 250/029M | 120250-029 | 120/EI 01-0/2 | El 120/42 | 400 | A-B | 48,0 | 5,21 | C-D | -- | LZ1 |
| TSM 250/030M | 120250-030 | 120/EI 01-0/2 | El 120/42 | 500 | A-B | 24,0 | 10,4 | C-D | -- | LZ1 |
| TSM 250/031M | 120250-031 | 120/EI 01-0/2 | El 120/42 | 500 | A-B | 230,0 | 1,08 | C-D | -- | LZ1 |
| TSM 250/032M | 120250-032 | 120/EI 01-0/2 | El 120/42 | 230 lub 400 | A-B lub A-C | 230,0 24,0 | 0,54 5,21 | D-E | -- | LZ1 |
| TSM 300/001M | 120300-001 | 120/EI 02-0/2 | El 120/54 | 230 | A-B | 2×12,0 | 2x12,5 | C-D E-F | -- | LZ1 |
| TSM 300/002M | 120300-002 | 120/EI 02-0/2 | El 120/54 | 230 | A-B | 24,0 | 12,5 | C-D | -- | LZ1 |
| TSM 300/003M | 120300-003 | 120/EI 02-0/2 | El 120/54 | 230 | A-B | 230,0 | 1,3 | C-D | -- | LZ1 |
| TSM 300/004M | 120300-004 | 120/EI 02-0/2 | El 120/54 | 400 | A-B | 24,0 | 12,5 | C-D | -- | LZ1 |
| TSM 300/005M | 120300-005 | 120/EI 02-0/2 | El 120/54 | 400 | A-B | 230,0 | 1,3 | C-D | -- | LZ1 |
| TSM 300/006M | 120300-006 | 130/EI 03-0/2 | El 130/48 | 230 | A-B | 24,0 | 12,5 | C-D | -- | LZ1 |
| TSM 300/007M | 120300-007 | 130/EI 03-0/2 | El 130/48 | 230 | A-B | 115,0 | 2,6 | C-D | -- | LZ1 |
| TSM 300/008M | 120300-008 | 130/EI 03-0/2 | El 130/48 | 230 | A-B | 230,0 | 1,3 | C-D | -- | LZ1 |
| TSM 300/009M | 120300-009 | 130/EI 03-0/2 | El 130/48 | 400 | A-B | 24,0 | 12,5 | C-D | -- | LZ1 |
| TSM 300/010M | 120300-010 | 130/EI 03-0/2 | El 130/48 | 400 | A-B | 230,0 | 1,3 | C-D | -- | LZ1 |
| TSM 300/011M | 120300-011 | 135/EI 01-0/2 | El 135/42 | 230 | A-B | 2x12,0 | 2x12,5 | C-D E-F | -- | LZ1 |
| TSM 300/012M | 120300-012 | 135/EI 01-0/2 | El 135/42 | 230 | A-B | 24,0 | 12,5 | C-D | -- | LZ1 |
| TSM 300/013M | 120300-013 | 135/EI 01-0/2 | El 135/42 | 230 | A-B | 230,0 | 1,3 | C-D | -- | LZ1 |
| TSM 300/014M | 120300-014 | 135/EI 01-0/2 | El 135/42 | 400 | A-B | 24,0 | 12,5 | C-D | -- | LZ1 |
| TSM 300/015M | 120300-015 | 135/EI 01-0/2 | El 135/42 | 400 | A-B | 230,0 | 1,3 | C-D | -- | LZ1 |
| TSM 300/016M | 120300-016 | 120/EI 02-0/2 | El 120/54 | $\begin{gathered} 230 \text { lub } \\ 250 \end{gathered}$ | A-B | 16,8 | 40,0 | D-E | -- | LZ1 |
| TSM 300/017M | 120300-017 | 120/EI 02-0/2 | El 120/54 | 230 | A-B | 2x24,0 | 2x6,25 | C-D E-F | -- | LZ1 |
| TSM 300/018M | 120300-018 | 120/EI 02-0/2 | El 120/54 | 230 | A-B | 115,0 | 2,6 | C-D | -- | LZ1 |
| TSM 300/019M | 120300-019 | 120/EI 02-0/2 | El 120/54 | 400 | A-B | 2x12,0 | 2x12,5 | C-D E-F | -- | LZ1 |
| TSM 300/020M | 120300-020 | 120/EI 02-0/2 | El 120/54 | 400 | A-B | 2x24,0 | 2x6,25 | C-D E-F | -- | LZ1 |
| TSM 300/021M | 120300-021 | 120/EI 02-0/2 | El 120/54 | 400 | A-B | 115,0 | 2,6 | C-D | -- | LZ1 |
| TSM 300/022M | 120300-022 | 130/EI 03-0/2 | El 130/48 | 230 | A-B | 2x12,0 | 2x12,5 | C-D E-F | -- | LZ1 |
| TSM 300/023M | 120300-023 | 130/EI 03-0/2 | El 130/48 | 230 | A-B | 2x24,0 | 2x6,25 | C-D E-F | -- | LZ1 |
| TSM 300/024M | 120300-024 | 130/EI 03-0/2 | El 130/48 | 400 | A-B | 2x12,0 | 2x12,5 | C-D E-F | -- | LZ1 |
| TSM 300/025M | 120300-025 | 130/EI 03-0/2 | El 130/48 | 400 | A-B | 2x24,0 | 2x6,25 | C-D E-F | -- | LZ1 |
| TSM 300/026M | 120300-026 | 130/EI 03-0/2 | El 130/48 | 400 | A-B | 115,0 | 2,6 | C-D | -- | LZ1 |
| TSM 300/027M | 120300-027 | 130/EI 03-0/2 | El 130/48 | 230 | A-B | 2x12,0 | 2x12,5 | C-D E-F | -- | LZ1 |
| TSM 300/028M | 120300-028 | 130/EI 03-0/2 | El 130/48 | 230 | A-B | 2x24,0 | 2x6,25 | C-D E-F | -- | LZ1 |
| TSM 300/029M | 120300-029 | 130/EI 03-0/2 | El 130/48 | 230 | A-B | 115,0 | 2,6 | C-D | -- | LZ1 |
| TSM 300/030M | 120300-030 | 135/EI 01-0/2 | El 135/42 | 230 | A-B | 2x12,0 | 2x12,5 | C-D E-F | -- | LZ1 |
| TSM 300/031M | 120300-031 | 135/EI 01-0/2 | El 135/42 | 230 | A-B | 2x24,0 | 2x6,25 | C-D E-F | -- | LZ1 |
| TSM 300/032M | 120300-032 | 135/EI 01-0/2 | El 135/42 | 230 | A-B | 115,0 | 2,6 | C-D | -- | LZ1 |
| TSM 300/033M | 120300-033 | 135/EI 01-0/2 | El 135/42 | 400 | A-B | 2x12,0 | 2x12,5 | C-D E-F | -- | LZ1 |
| TSM 300/034M | 120300-034 | 135/EI 01-0/2 | El 135/42 | 400 | A-B | 2x24,0 | 2x6,25 | C-D E-F | -- | LZ1 |
| TSM 300/035M | 120300-035 | 135/EI 01-0/2 | El 135/42 | 400 | A-B | 115,0 | 2,6 | C-D | -- | LZ1 |
| TSM 300/036M | 120300-036 | 120/EI 02-0/2 | El 120/54 | $\begin{gathered} 230 \text { lub } \\ 400 \end{gathered}$ | $\begin{aligned} & \text { A-B lub } \\ & \text { A-C } \end{aligned}$ | 230,0 24,0 | 0,91 3,75 | D-E | -- | LZ1 |
| TSM 300/037M | 120300-037 | 120/EI 02-0/2 | El 120/54 | 230 lub | A-B lub | 230,0 | 0,39 8 8 | D-E | -- | LZ1 |
| TSM 300/038M | 120300-038 | 120/EI 02-0/2 | El 120/54 | 230 | A-C | 36,0 | 8,33 | C-D | -- | LZ1 |
| TSM 300/039M | 120300-039 | 120/EI 02-0/2 | El 120/54 | 400 | A-B | 42,0 | 7,14 | C-D | -- | LZ1 |
| TSM 300/040M | 120300-040 | 120/EI 02-0/2 | El 120/54 | 500 | A-B | 24,0 | 12,5 | C-D | -- | LZ1 |
| TSM 300/041M | 120300-041 | 120/EI 02-0/2 | El 120/54 | 500 | A-B | 230,0 | 1,3 | C-D | -- | LZ1 |
| TSM 400/001M | 120400-001 | 120/EI 03-0/2 | El 120/74 | 230 | A-B | 24,0 | 16,67 | C-D | -- | LZ1 |
| TSM 400/002M | 120400-002 | 120/EI 03-0/2 | El 120/74 | 230 | A-B | 230,0 | 1,74 | C-D | -- | LZ1 |
| TSM 400/003M | 120400-003 | 120/EI 03-0/2 | El 120/74 | 400 | A-B | 24,0 | 16,67 | C-D | -- | LZ1 |
| TSM 400/004M | 120400-004 | 120/EI 03-0/2 | El 120/74 | 400 | A-B | 230,0 | 1,74 | C-D | -- | LZ1 |
| TSM 400/005M | 120400-005 | 135/EI 02-0/2 | El 135/52 | 230 | A-B | 115,0 | 3,47 | C-D | -- | LZ1 |
| TSM 400/006M | 120400-006 | 135/EI 02-0/2 | El 135/52 | 230 | A-B | 230,0 | 1,74 | C-D | -- | LZ1 |
| TSM 400/007M | 120400-007 | 135/EI 02-0/2 | El 135/52 | 400 | A-B | 24,0 | 16,67 | C-D | -- | LZ1 |
| TSM 400/008M | 120400-008 | 135/EI 02-0/2 | El 135/52 | 400 | A-B | 230,0 | 1,74 | C-D | -- | LZ1 |
| TSM 400/012M | 120400-012 | 120/EI 03-0/2 | El 120/74 | 230 | A-B | 2x12,0 | 2x16,67 | C-D E-F | -- | LZ1 |
| TSM 400/013M | 120400-013 | 120/EI 03-0/2 | El 120/74 | 230 | A-B | 2x24,0 | 2x8,34 | C-D E-F | -- | LZ1 |
| TSM 400/014M | 120400-014 | 120/EI 03-0/2 | El 120/74 | 230 | A-B | 115,0 | 3,47 | C-D | -- | LZ1 |
| TSM 400/015M | 120400-015 | 120/EI 03-0/2 | El 120/74 | 400 | A-B | 2x12,0 | 2x16,67 | C-D E-F | -- | LZ1 |
| TSM 400/016M | 120400-016 | 120/EI 03-0/2 | El 120/74 | 400 | A-B | 2x24,0 | 2x8,34 | C-D E-F | -- | LZ1 |
| TSM 400/017M | 120400-017 | 120/EI 03-0/2 | El 120/74 | 400 | A-B | 115,0 | 3,47 | C-D | -- | LZ1 |
| TSM 400/018M | 120400-018 | 135/EI 02-0/2 | El 135/52 | 230 | A-B | 2x12,0 | 2x16,67 | C-D E-F | -- | LZ1 |
| TSM 400/019M | 120400-019 | 135/EI 02-0/2 | El 135/52 | 230 | A-B | 2x24,0 | 2x8,34 | C-D E-F | -- | LZ1 |
| TSM 400/020M | 120400-020 | 135/EI 02-0/2 | El 135/52 | 400 | A-B | 2x12,0 | 2x16,67 | C-D E-F | -- | LZ1 |
| TSM 400/021M | 120400-021 | 135/EI 02-0/2 | El 135/52 | 400 | A-B | 2x24,0 | 2x8,34 | C-D E-F | -- | LZ1 |
| TSM 400/022M | 120400-022 | 135/EI 02-0/2 | El 135/52 | 400 | A-B | 115,0 | 3,47 | C-D | -- | LZ1 |
| TSM 400/023M | 120400-023 | 135/EI 02-0/2 | El 135/52 | 230 | A-B | 36,0 | 11,11 | C-D | -- | LZ1 |
| TSM 400/024M | 120400-024 | 135/EI 02-0/2 | El 135/52 | 230 | A-B | 42,0 | 9,52 | C-D | -- | LZ1 |
| TSM 400/025M | 120400-025 | 135/EI 04-0/2 | El 135/62 | 230 lub | A-B lub | 230,0 | 0,87 | D-E | -- | LZ1 |
|  |  |  |  | 400 | A-C | 24,0 | 8,33 | F-G |  |  |
| TSM 400/026M | 120400-026 | 120/EI 03-0/2 | El 120/74 | 230 | A-B | 36,0 | 11,11 | C-D | -- | LZ1 |
| TSM 400/027M | 120400-027 | 120/EI 03-0/2 | El 120/74 | 230 | A-B | 12,0 | 33,33 | C-D | -- | LZ1 |
| TSM 400/028M | 120400-028 | 120/EI 03-0/2 | El 120/74 | 500 | A-B | 24,0 | 16,67 | C-D | -- | LZ1 |
| TSM 400/029M | 120400-029 | 120/EI 03-0/2 | El 120/74 | 500 | A-B | 42,0 | 9,52 | C-D | -- | LZ1 |
| TSM 400/030M | 120400-030 | 120/EI 03-0/2 | El 120/74 | 500 | A-B | 230,0 | 9,52 | C-D | -- | LZ1 |
| TSM 400/031M | 120400-031 | 120/EI 03-0/2 | El 120/74 | 230 lub | A-B lub | 230,0 | 0,87 | D-E | -- | LZ1 |
|  |  |  |  | 400 | A-C | 24,0 | 8,33 | F-G |  |  |
| TSM 450/001M | 120450-001 | 135/EI 03-0/2 | El 135/57 | 230 | A-B | 2x24,0 | 2x9,37 | C-D E-F | -- | LZ1 |
| TSM 450/002M | 120450-002 | 135/EI 03-0/2 | El 135/57 | 230 | A-B | 230,0 | 1,95 | C-D | -- | LZ1 |
| TSM 450/003M | 120450-003 | 135/EI 03-0/2 | El 135/57 | 400 | A-B | 2x24,0 | 2x9,37 | C-D E-F | -- | LZ1 |
| TSM 450/004M | 120450-004 | 135/EI 03-0/2 | El 135/57 | 400 | A-B | 230,0 | 1,95 | C-D | -- | LZ1 |
| TSM 450/005M | 120450-005 | 135/EI 03-0/2 | El 135/57 | 230 | A-B | 2x12,0 | 2x18,75 | C-D E-F | -- | LZ1 |
| TSM 450/006M | 120450-006 | 135/EI 03-0/2 | El 135/57 | 230 | A-B | 115,0 | 3,91 | C-D | -- | LZ1 |
| TSM 450/007M | 120450-007 | 135/EI 03-0/2 | El 135/57 | 400 | A-B | 2x12,0 | 2x18,75 | C-D E-F | -- | LZ1 |
| TSM 450/008M | 120450-008 | 135/EI 03-0/2 | El 135/57 | 400 | A-B | 115,0 | 3,91 | C-D | -- | LZ1 |
| TSM 450/009M | 120450-009 | 135/EI 03-0/2 | El 135/57 | 230 | A-B | 36,0 | 12,5 | C-D | -- | LZ1 |
| TSM 500/001M | 120500-001 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 2×24,0 | 2 $\times 10,41$ | C-D E-F | -- | LZ1 |


| Katalog TSM <br> Strona 5 <br> Typ transformatora | Kod produktu | Karta katalogowa K K | Typ rdzenia | Napięcie pierwotne znamionowe PRI U [V] | Numery końcówek uzwojenia pierwotnego | Napięcia wtórne pod obciążeniem SEC U [ V ] | Prad uzwojenia wtórnego SEC I [ A ] | Numery końcówek uzwojenia wtórnego | Numery końcówek technolog. | Typ końcówek / Uwagi / Inne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TSM 500/002M | 120500-002 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 230,0 | 2,17 | C-D | -- | LZ1 |
| TSM 500/003M | 120500-003 | 135/EI 04-0/2 | El 135/62 | 400 | A-B | 2x24,0 | 2x10,41 | C-D E-F | -- | LZ1 |
| TSM 500/004M | 120500-004 | 135/EI 04-0/2 | El 135/62 | 400 | A-B | 230,0 | 2,17 | C-D | -- | LZ1 |
| TSM 500/005M | 120500-005 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 115,0 | 4,34 | C-D | -- | LZ1 |
| TSM 500/006M | 120500-006 | 135/EI 04-0/2 | El 135/62 | 400 | A-B | 255,0 | 1,96 | C-D | -- | LZ1 |
| TSM 500/007M | 120500-007 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 2x12,0 | 2x20,83 | C-D E-F | -- | LZ1 |
| TSM 500/008M | 120500-008 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 115,0 | 4,34 | C-D | -- | LZ1 |
| TSM 500/009M | 120500-009 | 135/EI 04-0/2 | El 135/62 | 400 | A-B | 2x12,0 | 2x20,83 | C-D E-F | -- | LZ1 |
| TSM 500/010M | 120500-010 | 135/EI 04-0/2 | El 135/62 | 400 | A-B | 115,0 | 4,34 | C-D | -- | LZ1 |
| TSM 500/011M | 120500-011 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 24,0 | 20,8 | C-D | -- | LZ1 |
| TSM 500/014M | 120500-014 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 36,0 | 13,88 | C-D | -- | LZ1 |
| TSM 500/015M | 120500-015 | 135/EI 04-0/2 | El 135/62 | 400 | A-B | 24,0 | 20,83 | C-D | -- | LZ1 |
| TSM 500/016M | 120500-016 | 135/EI 04-0/2 | El 135/62 | 500 | A-B | 24,0 | 20,83 | C-D | -- | LZ1 |
| TSM 500/017M | 120500-017 | 135/EI 04-0/2 | El 135/62 | 500 | A-B | 230,0 | 2,17 | C-D | -- | LZ1 |
| TSM 600/001M | 120600-001 | 135/EI 05-0/2 | El 135/72 | 230 | A-B | 2x24,0 | 2x12,5 | C-D E-F | -- | LZ1 |
| TSM 600/002M | 120600-002 | 135/EI 05-0/2 | El 135/72 | 230 | A-B | 230,0 | 2,6 | C-D | -- | LZ1 |
| TSM 600/003M | 120600-003 | 135/EI 05-0/2 | El 135/72 | 400 | A-B | 2x24,0 | 2x12,5 | C-D E-F | -- | LZ1 |
| TSM 600/004M | 120600-004 | 135/EI 05-0/2 | El 135/72 | 400 | A-B | 230,0 | 2,6 | C-D | -- | LZ1 |
| TSM 600/005M | 120600-005 | 150/EI 01-0/2 | El 150/49 | 230 | A-B | 115,0 | 5,21 | C-D | -- | LZ1 |
| TSM 600/006M | 120600-006 | 150/EI 01-0/2 | El 150/49 | 400 | A-B | 230,0 | 2,6 | C-D | -- | LZ1 |
| TSM 600/007M | 120600-007 | 135/EI 05-0/2 | El 135/72 | 230 | A-B | 2x12,0 | 2x25,0 | C-D E-F | -- | LZ1 |
| TSM 600/008M | 120600-008 | 135/EI 05-0/2 | El 135/72 | 230 | A-B | 115,0 | 5,21 | C-D | -- | LZ1 |
| TSM 600/009M | 120600-009 | 135/EI 05-0/2 | El 135/72 | 400 | A-B | 2x12,0 | 2x25,0 | C-D E-F | -- | LZ1 |
| TSM 600/010M | 120600-010 | 135/EI 05-0/2 | El 135/72 | 400 | A-B | 115,0 | 5,21 | C-D | -- | LZ1 |
| TSM 600/011M | 120600-011 | 150/EI 01-0/2 | El 150/49 | 230 | A-B | 2x12,0 | 2x25,0 | C-D E-F | -- | LZ1 |
| TSM 600/012M | 120600-012 | 150/EI 01-0/2 | El 150/49 | 230 | A-B | 2x24,0 | 2x12,5 | C-D E-F | -- | LZ1 |
| TSM 600/013M | 120600-013 | 150/EI 01-0/2 | El 150/49 | 400 | A-B | 2x12,0 | 2x25,0 | C-D E-F | -- | LZ1 |
| TSM 600/014M | 120600-014 | 150/Eㅣ 01-0/2 | El 150/49 | 400 | A-B | 2x24,0 | 2x12,5 | C-D E-F | -- | LZ1 |
| TSM 600/015M | 120600-015 | 150/EI 01-0/2 | El 150/49 | 400 | A-B | 115,0 | 5,21 | C-D | -- | LZ1 |
| TSM 600/016M | 120600-016 | 135/EI 05-0/2 | El 135/72 | 230 | A-B | 42,0 | 14,3 | C-D | -- | LZ1 |
| TSM 600/017M | 120600-017 | 135/EI 05-0/2 | El 135/72 | 230 | A-B | 24,0 | 25,0 | C-D | -- | LZ1 |
| TSM 600/018M | 120600-018 | 135/EI 05-0/2 | El 135/72 | $\begin{gathered} 230 \text { lub } \\ 400 \end{gathered}$ | $\begin{aligned} & \text { A-B lub } \\ & \text { A-C } \end{aligned}$ | 230,0 24,0 | 1,83 7,5 | $\begin{aligned} & \text { E-F } \\ & \text { G-H } \end{aligned}$ | -- | LZ1 |
| TSM 600/019M | 120600-019 | 135/EI 05-0/2 | El 135/72 | $\begin{gathered} 230 \text { lub } \\ 400 \end{gathered}$ | A-B lub <br> A-C | 230,0 24,0 | 0,78 17,5 | E-F | -- | LZ1 |
| TSM 600/020M | 120600-020 | 150/EI 02-0/2 | El 150/66 | 230 lub 400 | A-B lub A-C | 230,0 24,0 | 1,3 12,5 | D-E | -- | LZ1 |
| TSM 600/021M | 120600-021 | 135/EI 05-0/2 | El 135/72 | 230 | A-B | 36,0 | 16,67 | C-D | -- | LZ1 |
| TSM 600/022M | 120600-022 | 135/EI 05-0/2 | El 135/72 | 230 | A-B | 12,0 | 50,0 | C-D | -- | LZ1 |
| TSM 600/023M | 120600-023 | 135/EI 05-0/2 | El 135/72 | 400 | A-B | 24,0 | 25,0 | C-D | -- | LZ1 |
| TSM 600/023M | 120600-023 | 135/EI 05-0/2 | El 135/72 | 400 | A-B | 24,0 | 25,0 | C-D | -- | LZ1 |
| TSM 600/024M | 120600-024 | 135/EI 05-0/2 | El 135/72 | 400 | A-B | 48,0 | 12,5 | C-D | - | LZ1 |
| TSM 600/025M | 120600-025 | 135/EI 05-0/2 | El 135/72 | 500 | A-B | 24,0 | 25,0 | C-D | -- | LZ1 |
| TSM 600/026M | 120600-026 | 135/EI 05-0/2 | El 135/72 | 500 | A-B | 230,0 | 2,6 | C-D | -- | LZ1 |
| TSM 800/001M | 120800-001 | 135/EI 06-1/2 | El 135/92 | 230 | A-B | 2x24,0 | 2x16,67 | C-D E-F | -- | LZ1 |
| TSM 800/002M | 120800-002 | 135/EI 06-1/2 | El 135/92 | 230 | A-B | 230,0 | 3,47 | C-D | - | LZ1 |
| TSM 800/003M | 120800-003 | 135/EI 06-1/2 | El 135/92 | 400 | A-B | 2x24,0 | 2x16,67 | C-D E-F | -- | LZ1 |
| TSM 800/004M | 120800-004 | 135/Eㅌ 06-1/2 | El 135/92 | 400 | A-B | 230,0 | 3,47 | C-D | -- | LZ1 |
| TSM 800/005M | 120800-005 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 115,0 | 6,95 | C-D | -- | LZ1 |
| TSM 800/006M | 120800-006 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 230,0 | 3,47 | C-D | -- | LZ1 |
| TSM 800/007M | 120800-007 | 150/EI 02-0/2 | El 150/66 | 400 | A-B | 230,0 | 3,47 | C-D | -- | LZ1 |
| TSM 800/008M | 120800-008 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 2x24,0 | 2x16,67 | C-D E-F | -- | LZ1 |
| TSM 800/009M | 120800-009 | 150/EI 02-0/2 | El 150/66 | 400 | A-B | 2x24,0 | 2x16,67 | C-D E-F | -- | LZ1 |
| TSM 800/010M | 120800-010 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 2x12,0 | 2x33,33 | C-D E-F | -- | LZ1 |
| TSM 800/011M | 120800-011 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 115,0 | 6,95 | C-D | -- | LZ1 |
| TSM 800/012M | 120800-012 | 150/EI 02-0/2 | El 150/66 | 400 | A-B | 2x12,0 | 2x33,33 | C-D E-F | -- | LZ1 |
| TSM 800/013M | 120800-013 | 150/EI 02-0/2 | El 150/66 | 400 | A-B | 115,0 | 6,95 | C-D | -- | LZ1 |
| TSM 800/014M | 120800-014 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 48,0 | 16,8 | C-D | -- | LZ1 |
| TSM 800/015M | 120800-015 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 24,0 | 33,33 | C-D | -- | LZ1 |
| TSM 800/016M | 120800-016 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 36,0 | 22,22 | C-D | -- | LZ1 |
| TSM 800/017M | 120800-017 | 150/EI 02-0/2 | El 150/66 | 400 | A-B | 24,0 | 33,33 | C-D | -- | LZ1 |
| TSM 800/018M | 120800-018 | 150/EI 02-0/2 | El 150/66 | 500 | A-B | 24,0 | 33,33 | C-D | -- | LZ1 |
| TSM 800/019M | 120800-019 | 150/EI 02-0/2 | El 150/66 | 500 | A-B | 230,0 | 3,47 | C-D | -- | LZ1 |
| TSM 1000/001M | 121000-001 | 135/EI 07-1/2 | El 135/112 | 230 | A-B | 230,0 | 4,34 | C-D | -- | LZ1 |
| TSM 1000/002M | 121000-002 | 135/EI 07-1/2 | El 135/112 | 400 | A-B | 230,0 | 4,34 | C-D | -- | LZ1 |
| TSM 1000/003M | 121000-003 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 115,0 | 8,69 | C-D | -- | LZ1 |
| TSM 1000/004M | 121000-004 | 150/EI 03-0/2 | El 150/92 | 400 | A-B | 230,0 | 4,34 | C-D | -- | LZ1 |
| TSM 1000/005M | 121000-005 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 230,0 | 4,34 | C-D | -- | LZ1 |
| TSM 1000/006M | 121000-006 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 2x12,0 | 2x41,67 | C-D E-F | -- | LZ1 |
| TSM 1000/007M | 121000-007 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 2x24,0 | 2x20,84 | C-D E-F | -- | LZ1 |
| TSM 1000/008M | 121000-008 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 115,0 | 8,69 | C-D | -- | LZ1 |
| TSM 1000/009M | 121000-009 | 150/EI 03-0/2 | El 150/92 | 400 | A-B | 2x12,0 | 2x41,67 | C-D E-F | -- | LZ1 |
| TSM 1000/010M | 121000-010 | 150/EI 03-0/2 | El 150/92 | 400 | A-B | 2x24,0 | 2x20,84 | C-D E-F | -- | LZ1 |
| TSM 1000/011M | 121000-011 | 150/EI 03-0/2 | El 150/92 | 400 | A-B | 115,0 | 8,69 | C-D | -- | LZ1 |
| TSM 1000/012M | 121000-012 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 24,0 | 41,7 | C-D | -- | LZ1 |
| TSM 1000/013M | 121000-013 | 150/EIE 03-0/2 | El 150/92 | 230 | A-B | 65,0 | 15,4 | C-D | -- | P |
| TSM 1000/014M | 121000-014 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 24,0 | 41,7 | C-D | -- | LZ1 |
| TSM 1000/015M | 121000-015 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 36,0 | 27,77 | C-D | -- | LZ1 |
| TSM 1000/016M | 121000-016 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 42,0 | 23,81 | C-D | -- | LZ1 |
| TSM 1000/017M | 121000-017 | 150/EI 03-0/2 | El 150/92 | 400 | A-B | 24,0 | 41,67 | C-D | -- | LZ1 |
| TSM 1000/018M | 121000-018 | 150/EI 03-0/2 | El 150/92 | 400 | A-B | 42,0 | 23,81 | C-D | -- | LZ1 |
| TSM 1000/019M | 121000-019 | 150/EI 03-0/2 | El 150/92 | 500 | A-B | 24,0 | 41,67 | C-D | -- | LZ1 |
| TSM 1000/020M | 121000-020 | 150/EI 03-0/2 | El 150/92 | 500 | A-B | 230,0 | 4,34 | C-D | -- | LZ1 |


| Katalog <br> TSMS <br> Strona 1 <br> Typ transformatora | Kod produktu | Karta katalogowa K K | Typ rdzenia | Napięcie pierwotne znamionowe | Numery końcówek uzwojenia pierwotnego | Napięcia wtórne pod obciążeniem | Prad uzwojenia wtórnego | Numery końcówek uzwojenia wtórnego | Numery końcówek technolog. | Typ końcówek/ Uwagi / Inne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ```Catalogue \\ TSMS \\ Side 1 \\ Type of transformer``` | Article Nr | $\begin{gathered} \text { Number of } \\ \text { cataloggue card } \\ \text { KK } \end{gathered}$ | Type of core | Primary rated voltage | Number of pins primary voltage | $\begin{gathered} \text { Secondary rated } \\ \text { voltage } \end{gathered}$ | Rated secondary current | Number of secondary voltage | Number of additional pins | Type of pins / Comments |
| Der Katalog TSMS <br> Die Seite 1 Der Typ der Transformator | der Code des Produktes | Katalogkarte | $\underset{\text { Kern }}{\text { der Ty der }}$ | Primar- <br> Nominalspannung | $\begin{gathered} \text { die Nummern } \\ \text { der } \\ \text { Primaikkung } \\ \text {-Schiusse } \end{gathered}$ | Sekundärspannung unter Belastung | der Strom der Sekundärwicklung | die Nummern der Sekundärwickl ung-Schlüsse | $\begin{gathered} \text { die Nummern } \\ \text { der } \\ \text { technologische- } \\ \text { Schlüsse } \\ \hline \end{gathered}$ | der Typ die Schlusse / Die Bemerkungen |
| Каталог TSMS <br> Страница 1 Тип трансформатора | Номер товара | $\underset{\substack{\text { Kаталоговая } \\ \text { карта } \\ \text { KK }}}{ }$ | $\begin{gathered} \text { Тип } \\ \text { сердечника } \end{gathered}$ | Номинальное первочальноенапяжение | Номера <br> наконенчйков <br> первонача- <br> ппнноо <br> напряжения | $\begin{aligned} & \text { Вторичное } \\ & \text { напряжение при } \\ & \text { нагрузке } \end{aligned}$ | Ток вторичной обмотки | Номера наконечников воричной обмотки | Номера <br> технологически <br> $\times$ штифтов | Тип штифта / <br> Примечание |
| Katalog TSMS <br> Stránka 1 Typ transformátoru | Kod produku | Katalogovy list | Typ jádra | $\begin{gathered} \text { Puvodnijmenovité } \\ \text { napéti } \end{gathered}$ | $\begin{aligned} & \text { Cissla koncovek } \\ & \text { puvodniho } \\ & \text { vinuti } \end{aligned}$ | Sekundárni napěti pod zatiženim | $\begin{aligned} & \text { Proud } \\ & \text { sekundánnino } \\ & \text { vinutí } \end{aligned}$ | $\begin{gathered} \text { Císla } \\ \text { koncovek } \\ \text { sekundárniho } \\ \text { vinuti } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Cisla } \\ \text { technologickych } \\ \text { koncovek } \end{gathered}$ | Typ koncovek / pripomínky / Jiné |
| Каталог TSMS Страница 1 Тип трансформатора | $\begin{aligned} & \text { Код на } \\ & \text { изделието } \end{aligned}$ | Каталожна листовка | $\begin{gathered}\text { Тип } \\ \text { сърцевината }\end{gathered}$ | Първично номинално напрежение | Номерата на накрайници на първичната | $\begin{aligned} & \text { Вторично } \\ & \text { напрежение при } \\ & \text { натоварване } \end{aligned}$ | $\begin{gathered} \text { Ток на } \\ \text { вторичната } \\ \text { намотка } \end{gathered}$ | Номерата на накрайници на вторинна | Номерата на технологичните накрайници | Тип накрайника/ Забележки |
|  |  |  |  | PRI U[V] |  | SEC U[V] | SEC I[A] |  |  |  |
| TSMS 12/001M | 130012-001 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 6,0 | 2,0 | C-D | - | LZ |
| TSMS 12/003M | 130012-003 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 9,0 | 1,33 | C-D | -- | LZ |
| TSMS 12/004M | 130012-004 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 2x9,0 | 2x0,67 | C-D E-F | -- | LZ |
| TSMS 12/005M | 130012-005 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 12,0 | 1,0 | C-D | - | LZ |
| TSMS 12/006M | 130012-006 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 2x12,0 | 2x0,5 | C-D E-F | -- | LZ |
| TSMS 12/007M | 130012-007 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 15,0 | 0,8 | C-D | - | LZ |
| TSMS 12/008M | 130012-008 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 2x15,0 | 2x0,4 | C-D E-F | - | LZ |
| TSMS 12/009M | 130012-009 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 18,0 | 0,67 | C-D | - | LZ |
| TSMS 12/010M | 130012-010 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 2x18,0 | 2x0,33 | C-D E-F | - | LZ |
| TSMS 12/011M | 130012-011 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 21,0 | 0,57 | C-D | -- | LZ |
| TSMS 12/012M | 130012-012 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 2x21,0 | 2x0,28 | C-D E-F | - | LZ |
| TSMS 12/013M | 130012-013 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 24,0 | 0,5 | C-D | - | LZ |
| TSMS 12/014M | 130012-014 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 2x24,0 | 2x0,25 | C-D E-F | -- | LZ |
| TSMS 12/015M | 130012-015 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 230,0 | 0,05 | C-D | -- | LZ |
| TSMS 12/016M | 130012-016 | 54/EI 13-0/2/5 | El 54/18,6 | 230 | A-B | 36,0 | 0,33 | C-D | - | LZ |
| TSMS 20/001M | 130020-001 | 60/EI 25-0/2/5 | El 60/21 | 230 | A-B | 6,0 | 3,33 | C-D | -- | LZ |
| TSMS 20/002M | 130020-002 | 60/EI 25-0/2/5 | El 60/21 | 230 | A-B | 2x6,0 | 2x1,67 | C-D E-F | -- | LZ |
| TSMS 20/003M | 130020-003 | 60/EI 25-0/2/5 | El 60/21 | 230 | A-B | 9,0 | 2,22 | C-D | -- | LZ |
| TSMS 20/004M | 130020-004 | 60/EI 25-0/2/5 | El 60/21 | 230 | A-B | 2x9,0 | 2x1,11 | C-D E-F | -- | LZ |
| TSMS 20/005M | 130020-005 | 60/EI 25-0/2/5 | El 60/21 | 230 | A-B | 12,0 | 1,67 | C-D | -- | LZ |
| TSMS 20/006M | 130020-006 | 60/EI 25-0/2/5 | El 60/21 | 230 | A-B | 2x12,0 | 2x0,83 | C-D E-F | -- | LZ |
| TSMS 20/007M | 130020-007 | 60/EI 25-0/2/5 | El 60/21 | 230 | A-B | 15,0 | 1,33 | C-D | - | LZ |
| TSMS 20/008M | 130020-008 | 60/EEI 25-0/2/5 | El 60/21 | 230 | A-B | 2x15,0 | 2x0,67 | C-D E-F | - | LZ |
| TSMS 20/009M | 130020-009 | 60/EI 25-0/2/5 | El 60/21 | 230 | A-B | 18,0 | 1,11 | C-D | - | LZ |
| TSMS 20/010M | 130020-010 | 60/EI 25-0/2/5 | El 60/21 | 230 | A-B | 2x18,0 | 2x0,55 | C-D E-F | - | LZ |
| TSMS 20/011M | 130020-011 | 60/EI 25-0/2/5 | El 60/21 | 230 | A-B | 21,0 | 0,95 | C-D | - | LZ |
| TSMS 20/012M | 130020-012 | 60/E티 25-0/2/5 | El 60/21 | 230 | A-B | 2x21,0 | 2x0,47 | C-D E-F | -- | LZ |
| TSMS 20/013M | 130020-013 | 60/E티 25-0/2/5 | El 60/21 | 230 | A-B | 24,0 | 0,83 | C-D | -- | LZ |
| TSMS 20/014M | 130020-014 | 60/EI 25-0/2/5 | El 60/21 | 230 | A-B | 2x24,0 | 2x0,41 | C-D E-F | -- | LZ |
| TSMS 20/015M | 130020-015 | 60/EI 25-0/2/5 | El 60/21 | 230 | A-B | 230,0 | 0,08 | C-D | - | LZ |
| TSMS 20/016M | 130020-016 | 60/EI 25-0/2/5 | El 60/21 | 230 | A-B | 36,0 | 0,55 | C-D | -- | LZ |
| TSMS 30/001M | 130030-001 | 60/EI 27-0/2/5 | El 60/31 | 230 | A-B | 6,0 | 5,0 | C-D | -- | LZ |
| TSMS 30/002M | 130030-002 | 60/EI 27-0/2/5 | El 60/31 | 230 | A-B | 2x6,0 | 2x2,5 | C-D E-F | -- | LZ |
| TSMS 30/003M | 130030-003 | 60/EI 27-0/2/5 | El 60/31 | 230 | A-B | 9,0 | 3,33 | C-D | -- | LZ |
| TSMS 30/004M | 130030-004 | 60/EI 27-0/2/5 | El 60/31 | 230 | A-B | 2x9,0 | 2x1,67 | C-D E-F | -- | LZ |
| TSMS 30/005M | 130030-005 | 60/EI 27-0/2/5 | El 60/31 | 230 | A-B | 12,0 | 2,5 | C-D | -- | LZ |
| TSMS 30/006M | 130030-006 | 60/EI 27-0/2/5 | El 60/31 | 230 | A-B | 2x12,0 | 2x1,25 | C-D E-F | -- | LZ |
| TSMS 30/007M | 130030-007 | 60/EI 27-0/2/5 | El 60/31 | 230 | A-B | 15,0 | 2,0 | C-D | -- | LZ |
| TSMS 30/008M | 130030-008 | 60/E티 27-0/2/5 | El 60/31 | 230 | A-B | 2x15,0 | 2x1,0 | C-D E-F | - | LZ |
| TSMS 30/009M | 130030-009 | 60/EI 27-0/2/5 | El 60/31 | 230 | A-B | 18,0 | 1,67 | C-D | -- | LZ |
| TSMS 30/010M | 130030-010 | 60/E티 27-0/2/5 | El 60/31 | 230 | A-B | 2x18,0 | 2x0,83 | C-D E-F | - | LZ |
| TSMS 30/011M | 130030-011 | 60/EI 27-0/2/5 | El 60/31 | 230 | A-B | 21,0 | 1,43 | C-D | -- | LZ |
| TSMS 30/012M | 130030-012 | 60/Eㅣ 27-0/2/5 | El 60/31 | 230 | A-B | 2x21,0 | 2x0,71 | C-D E-F | -- | LZ |
| TSMS 30/013M | 130030-013 | 60/EI 27-0/2/5 | El 60/31 | 230 | A-B | 24,0 | 1,25 | C-D | -- | LZ |
| TSMS 30/014M | 130030-014 | 60/EI 27-0/2/5 | El 60/31 | 230 | A-B | 2x24,0 | 2x0,62 | C-D E-F | -- | LZ |
| TSMS 30/015M | 130030-015 | 60/EI 27-0/2/5 | El 60/31 | 230 | A-B | 230,0 | 0,13 | C-D | -- | LZ |
| TSMS 30/016M | 130030-016 | 60/EIE 27-0/2/5 | El 60/31 | 400 | A-B | 24,0 | 1,25 | C-D | -- | LZ |
| TSMS 30/017M | 130030-017 | 60/E티 27-0/2/5 | El 60/31 | 400 | A-B | 230,0 | 0,13 | C-D | -- | LZ |
| TSMS 30/018M | 130030-018 | 60/E티 27-0/2/5 | El 60/31 | 230 | A-B | 36,0 | 0,83 | C-D | -- | LZ |
| TSMS 35/001M | 130035-001 | 66/Eㅣ 12-0/2/5 | El 66/27 | 230 | A-B | 12,0 | 2,9 | C-D | -- | LZ |
| TSMS 35/002M | 130035-002 | 66/EI 12-0/2/5 | El 66/27 | 230 | A-B | 24,0 | 1,46 | C-D | - | LZ |
| TSMS 35/003M | 130035-003 | 66/EI 12-0/2/5 | El 66/27 | 230 | A-B | 230,0 | 0,15 | C-D | -- | LZ |
| TSMS 35/004M | 130035-004 | 66/EI 12-0/2/5 | El 66/27 | 400 | A-B | 24,0 | 1,46 | C-D | - | LZ |
| TSMS 35/005M | 130035-005 | 66/EI 12-0/2/5 | El 66/27 | 400 | A-B | 230,0 | 0,15 | C-D | - | LZ |
| TSMS 35/006M | 130035-006 | 66/EIE 12-0/2/5 | El 66/27 | 230 | A-B | 36,0 | 0,97 | C-D | - | LZ |
| TSMS 50/001M | 130050-001 | 66/EI 13-0/2/5 | El 66/35 | 230 | A-B | 12,0 | 4,16 | C-D | - | LZ |
| TSMS 50/002M | 130050-002 | 66/EI 13-0/2/5 | El 66/35 | 230 | A-B | 24,0 | 2,08 | C-D | - | LZ |
| TSMS 50/003M | 130050-003 | 66/EI 13-0/2/5 | El 66/35 | 230 | A-B | 230,0 | 0,21 | C-D | -- | LZ |
| TSMS 50/004M | 130050-004 | 66/EI 13-0/2/5 | El 66/35 | 400 | A-B | 24,0 | 2,08 | C-D | -- | LZ |
| TSMS 50/005M | 130050-005 | 66/EI 13-0/2/5 | El 66/35 | 400 | A-B | 230,0 | 0,21 | C-D | -- | LZ |
| TSMS 50/006M | 130050-006 | 66/EI 13-0/2/5 | El 66/35 | 230 | A-B | 36,0 | 1,38 | C-D | - | LZ |
| TSMS 60/001M | 130060-001 | 78/EI 03-0/2/5 | El 78/27 | 230 | A-B | 12,0 | 5,0 | C-D | -- | LZ |
| TSMS 60/002M | 130060-002 | 78/EI 03-0/2/5 | El 78/27 | 230 | A-B | 24,0 | 2,5 | C-D | -- | LZ |
| TSMS 60/003M | 130060-003 | 78/EI 03-0/2/5 | El 78/27 | 230 | A-B | 230,0 | 0,26 | C-D | - | LZ |
| TSMS 60/004M | 130060-004 | 78/EI 03-0/2/5 | El $78 / 27$ | 400 | A-B | 24,0 | 2,5 | C-D | -- | LZ |
| TSMS 60/005M | 130060-005 | 78/EI 03-0/2/5 | El 78/27 | 400 | A-B | 230,0 | 0,26 | C-D | -- | LZ |
| TSMS 60/006M | 130060-006 | 78/EI 03-0/2/5 | El 78/27 | 230 | A-B | 36,0 | 1,66 | C-D | - | LZ |
| TSMS 80/001M | 130080-001 | 78/EI 04-0/2/5 | El $78 / 36$ | 230 | A-B | 12,0 | 6,66 | C-D | -- | LZ |
| TSMS 80/002M | 130080-002 | 78/EI 04-0/2/5 | El 78/36 | 230 | A-B | 24,0 | 3,33 | C-D | -- | LZ |
| TSMS 80/003M | 130080-003 | 78/EI 04-0/2/5 | El 78/36 | 230 | A-B | 230,0 | 0,34 | C-D | -- | LZ |
| TSMS 80/004M | 130080-004 | 78/EI 04-0/2/5 | E1 78/36 | 400 | A-B | 24,0 | 3,33 | C-D | -- | LZ |
| TSMS 80/005M | 130080-005 | 78/EI 04-0/2/5 | E1 78/36 | 400 | A-B | 230,0 | 0,34 | C-D | -- | LZ |
| TSMS 80/006M | 130080-006 | 84/EI 09-0/2/5 | El 84/29 | 230 | A-B | 12,0 | 6,66 | C-D | -- | LZ |
| TSMS 80/007M | 130080-007 | 84/EI 09-0/2/5 | El 84/29 | 230 | A-B | 24,0 | 3,33 | C-D | -- | LZ |


| Katalog <br> TSMS <br> Strona 2 <br> Typ | Kod produktu | Karta katalogowa K K | Typ rdzenia | Napięcie pierwotne znamionowe | Numery końcówek uzwojenia | Napięcia wtórne pod obciazżeniem | Prad uzwojenia wtórnego | Numery końcówek uzwojenia | Numery końcówek technolog. | Typ końcówek / Uwagi / Inne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| transformatora |  |  |  | PRI U[V] | pierwotnego | SEC U[V] | SEC I[A] | wtórnego |  |  |
| TSMS 80/008M | 130080-008 | 84/EI 09-0/2/5 | El 84/29 | 230 | A-B | 230,0 | 0,34 | C-D | -- | LZ |
| TSMS 80/009M | 130080-009 | 84/EI 09-0/2/5 | El 84/29 | 400 | A-B | 24,0 | 3,33 | C-D | -- | LZ |
| TSMS 80/010M | 130080-010 | 84/EI 09-0/2/5 | El 84/29 | 400 | A-B | 230,0 | 0,34 | C-D | -- | LZ |
| TSMS 80/012M | 130080-012 | 84/EI 09-0/2/5 | El 84/29 | 230 | A-B | 36,0 | 2,22 | C-D | -- | LZ |
| TSMS 85/001M | 130085-001 | 84/EI 10-0/2/5 | El 84/32 | 230 | A-B | 12,0 | 7,08 | C-D | -- | LZ |
| TSMS 85/002M | 130085-002 | 84/EI 10-0/2/5 | El 84/32 | 230 | A-B | 24,0 | 3,54 | C-D | -- | LZ |
| TSMS 85/003M | 130085-003 | 84/EI 10-0/2/5 | El 84/32 | 230 | A-B | 230,0 | 0,36 | C-D | -- | LZ |
| TSMS 85/004M | 130085-004 | 84/EI 10-0/2/5 | El 84/32 | 400 | A-B | 24,0 | 3,54 | C-D | -- | LZ |
| TSMS 85/005M | 130085-005 | 84/EI 10-0/2/5 | El 84/32 | 400 | A-B | 230,0 | 0,36 | C-D | -- | LZ |
| TSMS 85/006M | 130085-006 | 84/EI 10-0/2/5 | El 84/32 | 230 | A-B | 36,0 | 2,36 | C-D | -- | LZ |
| TSMS 90/001M | 130090-001 | 78/EI 05-0/2/5 | El 78/40 | 230 | A-B | 12,0 | 7,5 | C-D | -- | LZ |
| TSMS 90/002M | 130090-002 | 78/EI 05-0/2/5 | El 78/40 | 230 | A-B | 24,0 | 3,75 | C-D | -- | LZ |
| TSMS 90/003M | 130090-003 | 78/EI 05-0/2/5 | El 78/40 | 230 | A-B | 230,0 | 0,39 | C-D | -- | LZ |
| TSMS 90/004M | 130090-004 | 78/EI 05-0/2/5 | El 78/40 | 400 | A-B | 24,0 | 3,75 | C-D | -- | LZ |
| TSMS 90/005M | 130090-005 | 78/EI 05-0/2/5 | El 78/40 | 400 | A-B | 230,0 | 0,39 | C-D | -- | LZ |
| TSMS 90/006M | 130090-006 | 84/EI 11-0/2/5 | El 84/38 | 230 | A-B | 12,0 | 7,5 | C-D | -- | LZ |
| TSMS 90/007M | 130090-007 | 84/EI 11-0/2/5 | El 84/38 | 230 | A-B | 24,0 | 3,75 | C-D | -- | LZ |
| TSMS 90/008M | 130090-008 | 84/EI 11-0/2/5 | El $84 / 38$ | 230 | A-B | 230,0 | 0,39 | C-D | -- | LZ |
| TSMS 90/009M | 130090-009 | 84/EI 11-0/2/5 | El 84/38 | 400 | A-B | 24,0 | 3,75 | C-D | -- | LZ |
| TSMS 90/010M | 130090-010 | 84/EI 11-0/2/5 | El 84/38 | 400 | A-B | 230,0 | 0,39 | C-D | -- | LZ |
| TSMS 90/011M | 130090-011 | 84/EI 11-0/2/5 | El $84 / 38$ | 230 | A-B | 36,0 | 2,5 | C-D | -- | LZ |
| TSMS 100/001M | 130100-001 | 84/EI 12-0/2/5 | El 84/44 | 230 | A-B | 12,0 | 8,33 | C-D | -- | LZ |
| TSMS 100/002M | 130100-002 | 84/EI 12-0/2/5 | El 84/44 | 230 | A-B | 24,0 | 4,17 | C-D | -- | LZ |
| TSMS 100/003M | 130100-003 | 84/EI 12-0/2/5 | El 84/44 | 230 | A-B | 230,0 | 0,43 | C-D | -- | LZ |
| TSMS 100/004M | 130100-004 | 84/EI 12-0/2/5 | El 84/44 | 400 | A-B | 24,0 | 4,17 | C-D | -- | LZ |
| TSMS 100/005M | 130100-005 | 84/EI 12-0/2/5 | El 84/44 | 400 | A-B | 230,0 | 0,43 | C-D | -- | LZ |
| TSMS 100/006M | 130100-006 | 84/EI 12-0/2/5 | El 84/44 | 230 | A-B | 36,0 | 2,77 | C-D | -- | LZ |
| TSMS 120/001M | 130120-001 | 96/EI 01-0/2/5 | El 96/36 | 230 | A-B | 12,0 | 10,0 | C-D | -- | LZ |
| TSMS 120/002M | 130120-002 | 96/EI 01-0/2/5 | El 96/36 | 230 | A-B | 24,0 | 5,0 | C-D | -- | LZ |
| TSMS 120/003M | 130120-003 | 96/EI 01-0/2/5 | El 96/36 | 230 | A-B | 230,0 | 0,52 | C-D | -- | LZ |
| TSMS 120/004M | 130120-004 | 96/EI 01-0/2/5 | El 96/36 | 400 | A-B | 24,0 | 5,0 | C-D | -- | LZ |
| TSMS 120/005M | 130120-005 | 96/EI 01-0/2/5 | El 96/36 | 400 | A-B | 230,0 | 0,52 | C-D | -- | LZ |
| TSMS 120/006M | 130120-006 | 96/EI 01-0/2/5 | El 96/36 | 230 | A-B | 36,0 | 3,33 | C-D | -- | LZ |
| TSMS 160/001M | 130160-001 | 96/EI 02-0/2/5 | El 96/46 | 230 | A-B | 12,0 | 12,5 | C-D | -- | LZ |
| TSMS 160/002M | 130160-002 | 96/EI 02-0/2/5 | El 96/46 | 230 | A-B | 24,0 | 6,25 | C-D | -- | LZ |
| TSMS 160/003M | 130160-003 | 96/EI 02-0/2/5 | El 96/46 | 230 | A-B | 230,0 | 0,69 | C-D | -- | LZ |
| TSMS 160/004M | 130160-004 | 96/EI 02-0/2/5 | El 96/46 | 400 | A-B | 24,0 | 6,25 | C-D | -- | LZ |
| TSMS 160/005M | 130160-005 | 96/EI 02-0/2/5 | El 96/46 | 400 | A-B | 230,0 | 0,69 | C-D | -- | LZ |
| TSMS 160/006M | 130160-006 | 96/EI 02-0/2/5 | El 96/46 | 230 | A-B | 36,0 | 4,44 | C-D | -- | LZ |
| TSMS 200/001M | 130200-001 | 96/EI 03-0/2/5 | El 96/60 | 230 | A-B | 12,0 | 16,66 | C-D | -- | LZ |
| TSMS 200/002M | 130200-002 | 96/EI 03-0/2/5 | EI 96/60 | 230 | A-B | 24,0 | 8,33 | C-D | -- | LZ |
| TSMS 200/003M | 130200-003 | 96/EI 03-0/2/5 | El 96/60 | 230 | A-B | 230,0 | 0,86 | C-D | -- | LZ |
| TSMS 200/004M | 130200-004 | 96/EI 03-0/2/5 | El 96/60 | 400 | A-B | 24,0 | 8,33 | C-D | -- | LZ |
| TSMS 200/005M | 130200-005 | 96/EI 03-0/2/5 | El 96/60 | 400 | A-B | 230,0 | 0,86 | C-D | -- | LZ |
| TSMS 200/006M | 130200-006 | 96/EI 03-0/2/5 | El 96/60 | 230 | A-B | 36,0 | 5,55 | C-D | -- | LZ |
| TSMS 250/001M | 130250-001 | 120/EI 01-0/2/5 | El 120/42 | 230 | A-B | 2x12,0 | 2x10,4 | C-D E-F | -- | LZ |
| TSMS 250/002M | 130250-002 | 120/EI 01-0/2/5 | El 120/42 | 230 | A-B | 24,0 | 10,4 | C-D | -- | LZ |
| TSMS 250/003M | 130250-003 | 120/EI 01-0/2/5 | El 120/42 | 230 | A-B | 2x24,0 | 2x5,21 | C-D E-F | -- | LZ |
| TSMS 250/004M | 130250-004 | 120/EI 01-0/2/5 | El 120/42 | 230 | A-B | 115,0 | 2,17 | C-D | -- | LZ |
| TSMS 250/005M | 130250-005 | 120/EI 01-0/2/5 | El 120/42 | 230 | A-B | 230,0 | 1,08 | C-D | -- | LZ |
| TSMS 250/006M | 130250-006 | 120/EI 01-0/2/5 | El 120/42 | 400 | A-B | 2x12,0 | 2×10,42 | C-D E-F | -- | LZ |
| TSMS 250/007M | 130250-007 | 120/EI 01-0/2/5 | El 120/42 | 400 | A-B | 24,0 | 10,4 | C-D | -- | LZ |
| TSMS 250/008M | 130250-008 | 120/EI 01-0/2/5 | El 120/42 | 400 | A-B | 2x24,0 | 2x5,21 | C-D E-F | -- | LZ |
| TSMS 250/009M | 130250-009 | 120/EI 01-0/2/5 | El 120/42 | 400 | A-B | 115,0 | 2,17 | C-D | -- | LZ |
| TSMS 250/010M | 130250-010 | 120/EI 01-0/2/5 | El 120/42 | 400 | A-B | 230,0 | 1,08 | C-D | -- | LZ |
| TSMS 250/011M | 130250-011 | 120/EI 01-0/2/5 | El 120/42 | 230 | A-B | 36,0 | 6,94 | C-D | -- | LZ |
| TSMS 300/001M | 130300-001 | 120/EI 02-0/2/5 | El 120/54 | 230 | A-B | 2x12,0 | 2x12,5 | C-D E-F | -- | LZ |
| TSMS 300/002M | 130300-002 | 120/EI 02-0/2/5 | El 120/54 | 230 | A-B | 24,0 | 12,5 | C-D | -- | LZ |
| TSMS 300/003M | 130300-003 | 120/EI 02-0/2/5 | El 120/54 | 230 | A-B | $2 \times 24,0$ | 2x6,25 | C-D E-F | -- | LZ |
| TSMS 300/004M | 130300-004 | 120/EI 02-0/2/5 | El 120/54 | 230 | A-B | 115,0 | 2,6 | C-D | -- | LZ |
| TSMS 300/005M | 130300-005 | 120/EI 02-0/2/5 | El 120/54 | 230 | A-B | 230,0 | 1,3 | C-D | -- | LZ |
| TSMS 300/006M | 130300-006 | 120/EI 02-0/2/5 | El 120/54 | 400 | A-B | 2x12,0 | 2x12,5 | C-D E-F | -- | LZ |
| TSMS 300/007M | 130300-007 | 120/EI 02-0/2/5 | El 120/54 | 400 | A-B | 24,0 | 12,5 | C-D | -- | LZ |
| TSMS 300/008M | 130300-008 | 120/EI 02-0/2/5 | El 120/54 | 400 | A-B | 2x24,0 | 2x6,25 | C-D E-F | -- | LZ |
| TSMS 300/009M | 130300-009 | 120/EI 02-0/2/5 | El 120/54 | 400 | A-B | 115,0 | 2,6 | C-D | -- | LZ |
| TSMS 300/010M | 130300-010 | 120/EI 02-0/2/5 | El 120/54 | 400 | A-B | 230,0 | 1,3 | C-D | -- | LZ |
| TSMS 300/011M | 130300-011 | 120/EI 02-0/2/5 | El 120/54 | 230 | A-B | 36,0 | 8,33 | C-D | -- | LZ |
| TSMS 400/002M | 130400-002 | 120/EI 03-0/2/5 | El 120/74 | 230 | A-B | 2x12,0 | 2x16,67 | C-D E-F | -- | LZ |
| TSMS 400/003M | 130400-003 | 120/EI 03-0/2/5 | El 120/74 | 230 | A-B | 24,0 | 16,67 | C-D | -- | LZ |
| TSMS 400/004M | 130400-004 | 120/EI 03-0/2/5 | El 120/74 | 230 | A-B | 2x24,0 | 2x8,34 | C-D E-F | -- | LZ |
| TSMS 400/005M | 130400-005 | 120/EI 03-0/2/5 | El 120/74 | 230 | A-B | 115,0 | 3,47 | C-D | -- | LZ |
| TSMS 400/006M | 130400-006 | 120/EI 03-0/2/5 | El 120/74 | 230 | A-B | 230,0 | 1,74 | C-D | -- | LZ |
| TSMS 400/007M | 130400-007 | 120/EI 03-0/2/5 | El 120/74 | 400 | A-B | 2x12,0 | 2x16,67 | C-D E-F | -- | LZ |
| TSMS 400/008M | 130400-008 | 120/EI 03-0/2/5 | El 120/74 | 400 | A-B | 24,0 | 16,67 | C-D | -- | LZ |
| TSMS 400/009M | 130400-009 | 120/EI 03-0/2/5 | El 120/74 | 400 | A-B | 2x24,0 | 2x8,34 | C-D E-F | -- | LZ |
| TSMS 400/010M | 130400-010 | 120/EI 03-0/2/5 | El 120/74 | 400 | A-B | 115,0 | 3,47 | C-D | -- | LZ |
| TSMS 400/011M | 130400-011 | 120/EI 03-0/2/5 | El 120/74 | 400 | A-B | 230,0 | 1,74 | C-D | -- | LZ |
| TSMS 400/012M | 130400-012 | 120/EI 03-0/2/5 | El 120/74 | 230 | A-B | 36,0 | 11,11 | C-D | -- | LZ |


| Katalog <br> TMB <br> Strona 1 <br> Typ transformatora | Kod produktu | Karta katalogowa K K | Typ rdzenia | Napięcie pierwotne znamionowe | Numery końcówek uzwojenia pierwotnego | Napięcia wtórne pod obciążeniem | Prad uzwojenia wtórnego | Numery końcówek uzwojenia wtórnego | Numery końcówek technolog. | Typ końcówek / Uwagi / Inne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ```Catalogue TMB Side 1 Type of transformer``` | Article Nr | $\begin{gathered} \text { Number of } \\ \text { cataloqgue card } \\ \text { KK } \end{gathered}$ | $\begin{aligned} & \text { Type } \\ & \text { of core } \end{aligned}$ | Primary rated voltage | Number of pins primary voltage | $\begin{aligned} & \text { Secondary rated } \\ & \text { voltage } \end{aligned}$ | Rated secondary current | Number of secondary voltage | Number of additional pins | Type of pins / |
| Der Katalog TMB <br> Die Seite 1 Der Typ der Transformator | ${ }_{\substack{\text { der Code des } \\ \text { Produktes }}}$ | Katalogkarte | $\begin{aligned} & \text { der Typ der } \\ & \text { Kern } \end{aligned}$ | Primar- Nominalspannung | $\begin{aligned} & \text { die Nummern } \\ & \text { der } \\ & \text { Primarwikung } \\ & \text {-Schiusse } \end{aligned}$ | Sekundärspannung unter Belastung | der Strom der Sekundärwicklung | die Nummern der Sekundärwickl ung-Schlüsse | die Nummern der tectiog e-Schlissch | der Typ die Schlusse / Die Bemerkungen |
| Каталог TMB <br> Страница 1 <br> Тип трансформатора | Номер товара | $\underset{\substack{\text { Каталоговая } \\ \text { карта } \\ \text { КК }}}{ }$ | Тип сердечника | $\begin{aligned} & \text { Номинальное } \\ & \text { первочальноена } \\ & \text {-пяжение } \end{aligned}$ | Номера наконечников первонача- пьного напряжения | $\begin{aligned} & \text { Вторичное } \\ & \text { напряжение при } \\ & \text { нагрузке } \end{aligned}$ | Ток вторичной обмотки | $\underset{\substack{\text { Номера } \\ \text { наконечнкков } \\ \text { воричной } \\ \text { обммокки }}}{ }$ | номера технопогичес ких штифтов | Тип штифта / Примечание |
| Katalog <br> TMB <br> Stránka 1 <br> Typ transformátoru | Kod produktu | Katalogovy list | Typ jádra | Puvodní jmenovité napětí | $\begin{gathered} \text { Cisla koncovek } \\ \text { puvodniho } \\ \text { vinuti } \end{gathered}$ | Sekundární napěti pod zatiženim | $\begin{gathered} \text { Proud } \\ \text { sekundámino } \\ \text { vinuti } \end{gathered}$ | Cissla kencovek sekundániho vinuti | Cisla technologickýc h koncovek | Typ koncovek / prípomínky / Jiné |
| Каталог ТМВ Страница 1 Тип трансформатора | Код на изделието | Каталожна листовка | Тип сърцевината | Пьрвично номинално напрежение | Номерата на накрайници на първичната | Вторично напрежение при натоварване | Токна вторичната намотка | Номерата на накрайници на вторинна | Номерата на технологичнит е накрайници | Тип накрайника / забележки |
|  |  |  |  | PRI U[V] |  | SEC U[V] | SEC I[A] |  |  |  |
| TMB 20/015M/1 | 170020-015-1 | 60/EI 25-0/2 | El 60/21 | 230 | A-B | 12,0 | 1,66 | C-D | -- | TRKS 4 |
| TMB 20/016M/1 | 170020-016-1 | 60/EI 25-0/2 | El 60/21 | 230 | A-B | 24,0 | 0,83 | C-D | -- | TRKS 4 |
| TMB 20/017M/1 | 170020-017-1 | 60/E티 25-0/2 | El 60/21 | 230 | A-B | 230,0 | 0,08 | C-D | - | TRKS 4 |
| TMB 20/018M/1 | 170020-018-1 | 60/EI 25-0/2 | El 60/21 | 400 | A-B | 24,0 | 0,83 | C-D | -- | TRKS 4 |
| TMB 20/019M/1 | 170020-019-1 | 60/EI 25-0/2 | El 60/21 | 400 | A-B | 230,0 | 0,08 | C-D | -- | TRKS 4 |
| TMB 20/020M/1 | 170020-020-1 | 60/EI 25-0/2 | El 60/21 | 230 | A-B | 2x12,0 | 2x0,83 | C-D E-F | -- | TRKS 4 |
| TMB 20/021M/1 | 170020-021-1 | 60/E티 25-0/2 | El 60/21 | 230 | A-B | 2x24,0 | 2x0,42 | C-D E-F | -- | TRKS 4 |
| TMB 20/022M/1 | 170020-022-1 | 60/EEI 25-0/2 | El 60/21 | 230 | A-B | 115,0 | 0,17 | C-D | -- | TRKS 4 |
| TMB 20/023M/1 | 170020-023-1 | 60/EI 25-0/2 | El 60/21 | 400 | A-B | 2x12,0 | 2x0,83 | C-D E-F | -- | TRKS 4 |
| TMB 20/024M/1 | 170020-024-1 | 60/EI 25-0/2 | El 60/21 | 400 | A-B | 2x24,0 | 2x0,42 | C-D E-F | -- | TRKS 4 |
| TMB 20/025M/1 | 170020-025-1 | 60/E티 25-0/2 | El 60/21 | 400 | A-B | 115,0 | 0,17 | C-D | -- | TRKS 4 |
| TMB 20/026M/1 | 170020-026-1 | 60/EI 25-0/2 | El 60/21 | 230 | A-B | 36,0 | 0,55 | C-D | -- | TRKS 4 |
| TMB 30/020M/1 | 170030-020-1 | 66/E티 11-0/2 | El 66/23 | 230 | A-B | 12,0 | 2,5 | C-D | -- | TRKS 4 |
| TMB 30/021M/1 | 170030-021-1 | 66/EI 11-0/2 | El 66/23 | 230 | A-B | 24,0 | 1,25 | C-D | -- | TRKS 4 |
| TMB 30/022M/1 | 170030-022-1 | 66/EI 11-0/2 | El 66/23 | 230 | A-B | 230,0 | 0,13 | C-D | -- | TRKS 4 |
| TMB 30/023M/1 | 170030-023-1 | 66/E티 11-0/2 | El 66/23 | 400 | A-B | 24,0 | 1,25 | C-D | -- | TRKS 4 |
| TMB 30/024M/1 | 170030-024-1 | 66/EI 11-0/2 | El 66/23 | 400 | A-B | 230,0 | 0,13 | C-D | -- | TRKS 4 |
| TMB 30/031M/1 | 170030-031-1 | 66/EI 11-0/2 | El 66/23 | 230 | A-B | 2x12,0 | 2x1,25 | C-D E-F | -- | TRKS 4 |
| TMB 30/032M/1 | 170030-032-1 | 66/EI 11-0/2 | El 66/23 | 230 | A-B | 2x24,0 | 2x0,63 | C-D E-F | -- | TRKS 4 |
| TMB 30/033M/1 | 170030-033-1 | 66/EI 11-0/2 | El 66/23 | 230 | A-B | 115,0 | 0,26 | C-D | -- | TRKS 4 |
| TMB 30/034M/1 | 170030-034-1 | 66/E티 11-0/2 | El 66/23 | 400 | A-B | 2x12,0 | 2x1,25 | C-D E-F | -- | TRKS 4 |
| TMB 30/035M/1 | 170030-035-1 | 66/E티 11-0/2 | El 66/23 | 400 | A-B | 2x24,0 | 2x0,63 | C-D E-F | -- | TRKS 4 |
| TMB 30/036M/1 | 170030-036-1 | 66/EI 11-0/2 | El 66/23 | 400 | A-B | 115,0 | 0,26 | C-D | -- | TRKS 4 |
| TMB 30/037M/1 | 170030-037-1 | 66/E티 11-0/2 | El 66/23 | 230 | A-B | 36,0 | 0,83 | C-D | -- | TRKS 4 |
| TMB 30/038M/1 | 170030-038-1 | 66/Eㅣ 11-0/2 | El 66/23 | 400 | A-B | 42,0 | 0,71 | C-D | -- | TRKS 4 |
| TMB 50/001M/1 | 170050-001-1 | 66/E티 13-0/2 | El 66/35 | 230 | A-B | 12,0 | 4,16 | C-D | -- | TRKS 4 |
| TMB 50/002M/1 | 170050-002-1 | 66/EI 13-0/2 | El 66/35 | 230 | A-B | 24,0 | 2,08 | C-D | -- | TRKS 4 |
| TMB 50/003M/1 | 170050-003-1 | 66/EI 13-0/2 | El 66/35 | 230 | A-B | 230,0 | 0,21 | C-D | -- | TRKS 4 |
| TMB 50/004M/1 | 170050-004-1 | 66/EI 13-0/2 | El 66/35 | 400 | A-B | 24,0 | 2,08 | C-D | -- | TRKS 4 |
| TMB 50/005M/1 | 170050-005-1 | 66/EIE 13-0/2 | El 66/35 | 400 | A-B | 230,0 | 0,21 | C-D | -- | TRKS 4 |
| TMB 50/006M/1 | 170050-006-1 | 66/EI 13-0/2 | El 66/35 | 230 | A-B | 2x12,0 | 2x2,08 | C-D E-F | -- | TRKS 4 |
| TMB 50/007M/1 | 170050-007-1 | 66/EI 13-0/2 | El 66/35 | 230 | A-B | 2x24,0 | 2x1,04 | C-D E-F | -- | TRKS 4 |
| TMB 50/008M/1 | 170050-008-1 | 66/EI 13-0/2 | El 66/35 | 230 | A-B | 115,0 | 0,43 | C-D | -- | TRKS 4 |
| TMB 50/009M/1 | 170050-009-1 | 66/EI 13-0/2 | El 66/35 | 400 | A-B | 2x12,0 | 2x2,08 | C-D E-F | -- | TRKS 4 |
| TMB 50/010M/1 | 170050-010-1 | 66/EI 13-0/2 | El 66/35 | 400 | A-B | 2x24,0 | 2x1,04 | C-D E-F | -- | TRKS 4 |
| TMB 50/011M/1 | 170050-011-1 | 66/EI 13-0/2 | El 66/35 | 400 | A-B | 115,0 | 0,43 | C-D | -- | TRKS 4 |
| TMB 50/013M/1 | 170050-013-1 | 66/EI 13-0/2 | El 66/35 | 230 | A-B | 36,0 | 1,38 | C-D | -- | TRKS 4 |
| TMB 50/014M/1 | 170050-014-1 | 66/EI 13-0/2 | El 66/35 | 400 | A-B | 42,0 | 1,19 | C-D | -- | TRKS 4 |
| TMB 50/015M/1 | 170050-014-1 | 66/EI 13-0/2 | El 66/35 | 500 | A-B | 24,0 | 2,08 | C-D | -- | TRKS 4 |
| TMB 50/016M/1 | 170050-014-1 | 66/EIE 13-0/2 | El 66/35 | 500 | A-B | 230,0 | 0,21 | C-D | -- | TRKS 4 |
| TMB 60/001M/1 | 170060-001-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 12,0 | 5,0 | C-D | -- | TRKS 4 |
| TMB 60/002M/1 | 170060-002-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 24,0 | 2,5 | C-D | -- | TRKS 4 |
| TMB 60/003M/1 | 170060-003-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 230,0 | 0,26 | C-D | -- | TRKS 4 |
| TMB 60/004M/1 | 170060-004-1 | 78/EEI 03-0/2 | El 78/27 | 400 | A-B | 24,0 | 2,5 | C-D | -- | TRKS 4 |
| TMB 60/005M/1 | 170060-005-1 | 78/EIE 03-0/2 | El 78/27 | 400 | A-B | 230,0 | 0,26 | C-D | -- | TRKS 4 |
| TMB 60/006M/1 | 170060-006-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 2x12,0 | 2x2,5 | C-D E-F | -- | TRKS 4 |
| TMB 60/007M/1 | 170060-007-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 2x24,0 | 2x1,25 | C-D E-F | -- | TRKS 4 |
| TMB 60/008M/1 | 170060-008-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 115,0 | 0,52 | C-D | -- | TRKS 4 |
| TMB 60/009M/1 | 170060-009-1 | 78/EI 03-0/2 | El 78/27 | 400 | A-B | 2x12,0 | 2x2,5 | C-D E-F | -- | TRKS 4 |
| TMB 60/010M/1 | 170060-010-1 | 78/EI 03-0/2 | El 78/27 | 400 | A-B | 2x24,0 | 2x1,25 | C-D E-F | -- | TRKS 4 |
| TMB 60/011M/1 | 170060-011-1 | 78/EI 03-0/2 | El 78/27 | 400 | A-B | 115,0 | 0,52 | C-D | -- | TRKS 4 |
| TMB 60/012M/1 | 170060-012-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 36,0 | 1,66 | C-D | -- | TRKS 4 |
| TMB 60/013M/1 | 170060-013-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 42,0 | 1,42 | C-D | -- | TRKS 4 |
| TMB 60/015M/1 | 170060-015-1 | 78/EI 03-0/2 | El 78/27 | 500 | A-B | 24,0 | 2,5 | C-D | -- | TRKS 4 |
| TMB 60/016M/1 | 170060-016-1 | 78/EI 03-0/2 | El 78/27 | 500 | A-B | 230,0 | 0,26 | C-D | -- | TRKS 4 |
| TMB 80/006M/1 | 170080-006-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 12,0 | 6,66 | C-D | -- | TRKS 4 |
| TMB 80/007M/1 | 170080-007-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 24,0 | 3,33 | C-D | -- | TRKS 4 |
| TMB 80/008M/1 | 170080-008-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 230,0 | 0,34 | C-D | -- | TRKS 4 |
| TMB 80/009M/1 | 170080-009-1 | 78/EI 03-0/2 | El 78/27 | 400 | A-B | 24,0 | 3,33 | C-D | -- | TRKS 4 |
| TMB 80/010M/1 | 170080-010-1 | 78/EI 03-0/2 | El 78/27 | 400 | A-B | 230,0 | 0,34 | C-D | -- | TRKS 4 |
| TMB 80/017M/1 | 170080-017-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 2x12,0 | 2x3,33 | C-D E-F | -- | TRKS 4 |
| TMB 80/018M/1 | 170080-018-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 2x24,0 | 2x1,67 | C-D E-F | -- | TRKS 4 |
| TMB 80/019M/1 | 170080-019-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 115,0 | 0,69 | C-D | -- | TRKS 4 |
| TMB 80/020M/1 | 170080-020-1 | 78/EI 03-0/2 | El 78/27 | 400 | A-B | 2x12,0 | 2x3,33 | C-D E-F | -- | TRKS 4 |
| TMB 80/021M/1 | 170080-021-1 | 78/EI 03-0/2 | El 78/27 | 400 | A-B | 2x24,0 | 2x1,67 | C-D E-F | -- | TRKS 4 |
| TMB 80/022M/1 | 170080-022-1 | 78/EIE 03-0/2 | El 78/27 | 400 | A-B | 115,0 | 0,69 | C-D | -- | TRKS 4 |
| TMB 80/023M/1 | 170080-023-1 | 78/EI 03-0/2 | El 78/27 | 230 | A-B | 36,0 | 2,22 | C-D | -- | TRKS 4 |
| TMB 80/025M/1 | 170080-025-1 | 78/EI 03-0/2 | El 78/27 | 500 | A-B | 24,0 | 3,33 | C-D | -- | TRKS 4 |
| TMB 80/026M/1 | 170080-026-1 | 78/EI 03-0/2 | El 78/27 | 500 | A-B | 230,0 | 0,34 | C-D | -- | TRKS 4 |
| TMB 100/001M/1 | 170100-001-1 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | 12,0 | 8,33 | C-D | -- | TRKS 4 |
| TMB 100/002M/1 | 170100-002-1 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | 24,0 | 4,17 | C-D | -- | TRKS 4 |
| TMB 100/003M/1 | 170100-003-1 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | 230,0 | 0,43 | C-D | -- | TRKS 4 |
| TMB 100/004M/1 | 170100-004-1 | 84/EI 09-0/2 | El 84/29 | 400 | A-B | 24,0 | 4,17 | C-D | -- | TRKS 4 |


| Katalog <br> TMB <br> Strona 2 <br> Typ | Kod produktu | Karta katalogowa K K | Typ rdzenia | Napięcie pierwotne znamionowe | Numery końcówek uzwojenia | Napięcia wtórne pod obciążeniem | Prad uzwojenia wtórnego | Numery końcówek uzwojenia | Numery końcówek technolog. | Typ końcówek / Uwagi / Inne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| transformatora |  |  |  | PRI U[V] | pierwotnego | SEC U[V] | SEC I[A] | wtórnego |  |  |
| TMB 100/005M/1 | 170100-005-1 | 84/EI 09-0/2 | El 84/29 | 400 | A-B | 230,0 | 0,43 | C-D | -- | TRKS 4 |
| TMB 100/006M/1 | 170100-006-1 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | 2x12,0 | 2x4,17 | C-D E-F | -- | TRKS 4 |
| TMB 100/007M/1 | 170100-007-1 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | 2x24,0 | 2x2,09 | C-D E-F | -- | TRKS 4 |
| TMB 100/008M/1 | 170100-008-1 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | 115,0 | 0,87 | C-D | -- | TRKS 4 |
| TMB 100/009M/1 | 170100-009-1 | 84/EI 09-0/2 | El 84/29 | 400 | A-B | 2x12,0 | 2x4,17 | C-D E-F | -- | TRKS 4 |
| TMB 100/010M/1 | 170100-010-1 | 84/EI 09-0/2 | El 84/29 | 400 | A-B | 2x24,0 | 2x2,09 | C-D E-F | -- | TRKS 4 |
| TMB 100/011M/1 | 170100-011-1 | 84/EI 09-0/2 | El 84/29 | 400 | A-B | 115,0 | 0,87 | C-D | -- | TRKS 4 |
| TMB 100/012M/1 | 170100-012-1 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | 36,0 | 2,77 | C-D | -- | TRKS 4 |
| TMB 100/013M/1 | 170100-013-1 | 84/EI 09-0/2 | El 84/29 | 230 | A-B | 42,0 | 2,38 | C-D | -- | TRKS 4 |
| TMB 100/018M/1 | 170100-018-1 | 84/EI 09-0/2 | El 84/29 | 400 | A-B | 12,0 | 8,33 | C-D | -- | TRKS 4 |
| TMB 100/019M/1 | 170100-019-1 | 84/EI 09-0/2 | El 84/29 | 500 | A-B | 24,0 | 4,17 | C-D | -- | TRKS 4 |
| TMB 100/020M/1 | 170100-020-1 | 84/EI 09-0/2 | El 84/29 | 500 | A-B | 230,0 | 0,43 | C-D | -- | TRKS 4 |
| TMB 120/001M/1 | 170120-001-1 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 12,0 | 10,0 | C-D | -- | TRKS 4 |
| TMB 120/002M/1 | 170120-002-1 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 24,0 | 5,0 | C-D | -- | TRKS 4 |
| TMB 120/003M/1 | 170120-003-1 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 230,0 | 0,52 | C-D | -- | TRKS 4 |
| TMB 120/004M/1 | 170120-004-1 | 84/EI 12-0/2 | El 84/44 | 400 | A-B | 24,0 | 5,0 | C-D | -- | TRKS 4 |
| TMB 120/005M/1 | 170120-005-1 | 84/EI 12-0/2 | El 84/44 | 400 | A-B | 230,0 | 0,52 | C-D | -- | TRKS 4 |
| TMB 120/006M/1 | 170120-006-1 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 2x12,0 | 2x5,0 | C-D E-F | -- | TRKS 4 |
| TMB 120/007M/1 | 170120-007-1 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 2x24,0 | 2x2,5 | C-D E-F | -- | TRKS 4 |
| TMB 120/008M/1 | 170120-008-1 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 115,0 | 1,04 | C-D | -- | TRKS 4 |
| TMB 120/009M/1 | 170120-009-1 | 84/EI 12-0/2 | El 84/44 | 400 | A-B | 2x12,0 | 2x5,0 | C-D E-F | -- | TRKS 4 |
| TMB 120/010M/1 | 170120-010-1 | 84/EI 12-0/2 | El 84/44 | 400 | A-B | 2x24,0 | 2x2,5 | C-D E-F | -- | TRKS 4 |
| TMB 120/011M/1 | 170120-011-1 | 84/EI 12-0/2 | El 84/44 | 400 | A-B | 115,0 | 1,04 | C-D | -- | TRKS 4 |
| TMB 120/012M/1 | 170120-012-1 | 84/EI 12-0/2 | El 84/44 | 230 | A-B | 36,0 | 3,33 | C-D | -- | TRKS 4 |
| TMB 120/013M/1 | 170120-013-1 | 84/EI 12-0/2 | El 84/44 | 500 | A-B | 24,0 | 5,0 | C-D | -- | TRKS 4 |
| TMB 120/014M/1 | 170120-014-1 | 84/EI 12-0/2 | El 84/44 | 500 | A-B | 42,0 | 2,85 | C-D | -- | TRKS 4 |
| TMB 120/015M/1 | 170120-015-1 | 84/EI 12-0/2 | El 84/44 | 500 | A-B | 230,0 | 0,52 | C-D |  | TRKS 4 |
| TMB 160/001M/1 | 170160-001-1 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 12,0 | 13,33 | C-D | -- | TRKS 4 |
| TMB 160/002M/1 | 170160-002-1 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 24,0 | 6,67 | C-D | -- | TRKS 4 |
| TMB 160/003M/1 | 170160-003-1 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 230,0 | 0,69 | C-D | -- | TRKS 4 |
| TMB 160/004M/1 | 170160-004-1 | 96/EI 01-0/2 | El 96/36 | 400 | A-B | 24,0 | 6,67 | C-D |  | TRKS 4 |
| TMB 160/005M/1 | 170160-005-1 | 96/EI 01-0/2 | El 96/36 | 400 | A-B | 230,0 | 0,69 | C-D | -- | TRKS 4 |
| TMB 160/006M/1 | 170160-006-1 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 2x12,0 | 2x6,67 | C-D E-F | -- | TRKS 4 |
| TMB 160/007M/1 | 170160-007-1 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 2x24,0 | 2x3,34 | C-D E-F | -- | TRKS 4 |
| TMB 160/008M/1 | 170160-008-1 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 115,0 | 1,39 | C-D | -- | TRKS 4 |
| TMB 160/009M/1 | 170160-009-1 | 96/EI 01-0/2 | El 96/36 | 400 | A-B | 2x12,0 | 2x6,67 | C-D E-F | -- | TRKS 4 |
| TMB 160/010M/1 | 170160-010-1 | 96/EI 01-0/2 | El 96/36 | 400 | A-B | 2x24,0 | 2x3,34 | C-D E-F | -- | TRKS 4 |
| TMB 160/011M/1 | 170160-011-1 | 96/EI 01-0/2 | El 96/36 | 400 | A-B | 115,0 | 1,39 | C-D | -- | TRKS 4 |
| TMB 160/012M/1 | 170160-012-1 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 36,0 | 4,44 | C-D | -- | TRKS 4 |
| TMB 160/013M/1 | 170160-013-1 | 96/EI 01-0/2 | El 96/36 | 230 | A-B | 42,0 | 3,8 | C-D | -- | TRKS 4 |
| TMB 160/016M/1 | 170160-016-1 | 96/EI 01-0/2 | El 96/36 | 500 | A-B | 24,0 | 6,66 | C-D | -- | TRKS 4 |
| TMB 160/017M/1 | 170160-017-1 | 96/EI 01-0/2 | El 96/36 | 500 | A-B | 42,0 | 3,80 | C-D | -- | TRKS 4 |
| TMB 160/018M/1 | 170160-018-1 | 96/EI 01-0/2 | El 96/36 | 500 | A-B | 115,0 | 1,39 | C-D | -- | TRKS 4 |
| TMB 160/019M/1 | 170160-019-1 | 96/EI 01-0/2 | El 96/36 | 500 | A-B | 230,0 | 0,69 | C-D | -- | TRKS 4 |
| TMB 200/001M/1 | 170200-001-1 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 12,0 | 16,67 | C-D | -- | TRKS 4 |
| TMB 200/002M/1 | 170200-002-1 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 24,0 | 8,34 | C-D | -- | TRKS 4 |
| TMB 200/003M/1 | 170200-003-1 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 230,0 | 0,87 | C-D | -- | TRKS 4 |
| TMB 200/004M/1 | 170200-004-1 | 96/EI 02-0/2 | El 96/46 | 400 | A-B | 24,0 | 8,34 | C-D | -- | TRKS 4 |
| TMB 200/005M/1 | 170200-005-1 | 96/EI 02-0/2 | El 96/46 | 400 | A-B | 230,0 | 0,87 | C-D | -- | TRKS 4 |
| TMB 200/006M/1 | 170200-006-1 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 2x12,0 | 2x8,33 | C-D E-F | -- | TRKS 4 |
| TMB 200/007M/1 | 170200-007-1 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 2x24,0 | 2x4,17 | C-D E-F | -- | TRKS 4 |
| TMB 200/008M/1 | 170200-008-1 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 115,0 | 1,74 | C-D | -- | TRKS 4 |
| TMB 200/009M/1 | 170200-009-1 | 96/EI 02-0/2 | El 96/46 | 400 | A-B | 2x12,0 | 2x8,33 | C-D E-F | -- | TRKS 4 |
| TMB 200/010M/1 | 170200-010-1 | 96/EI 02-0/2 | El 96/46 | 400 | A-B | 2x24,0 | 2x4,17 | C-D E-F | -- | TRKS 4 |
| TMB 200/011M/1 | 170200-011-1 | 96/EI 02-0/2 | El 96/46 | 400 | A-B | 115,0 | 1,74 | C-D | -- | TRKS 4 |
| TMB 200/012M/1 | 170200-012-1 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 36,0 | 5,55 | C-D | -- | TRKS 4 |
| TMB 200/013M/1 | 170200-013-1 | 96/EI 02-0/2 | El 96/46 | 230 | A-B | 42,0 | 4,76 | C-D | -- | TRKS 4 |
| TMB 200/016M/1 | 170200-016-1 | 96/EI 02-0/2 | El 96/46 | 500 | A-B | 24,0 | 8,33 | C-D | -- | TRKS 4 |
| TMB 200/017M/1 | 170200-017-1 | 96/EI 02-0/2 | El 96/46 | 500 | A-B | 42,0 | 4,76 | C-D | -- | TRKS 4 |
| TMB 200/018M/1 | 170200-018-1 | 96/EI 02-0/2 | El 96/46 | 500 | A-B | 230,0 | 0,86 | C-D | -- | TRKS 4 |
| TMB 250/001M/1 | 170250-001-1 | 96/EI 03-0/2 | EI 96/60 | 230 | A-B | 2x12,0 | 2x10,4 | C-D E-F | -- | TRKS 4 |
| TMB 250/002M/1 | 170250-002-1 | 96/EI 03-0/2 | El 96/60 | 230 | A-B | 24,0 | 10,4 | C-D | -- | TRKS 4 |
| TMB 250/003M/1 | 170250-003-1 | 96/EI 03-0/2 | El 96/60 | 230 | A-B | 230,0 | 1,08 | C-D | -- | TRKS 4 |
| TMB 250/004M/1 | 170250-004-1 | 96/EI 03-0/2 | El 96/60 | 400 | A-B | 24,0 | 10,4 | C-D | -- | TRKS 4 |
| TMB 250/005M/1 | 170250-005-1 | 96/EI 03-0/2 | El 96/60 | 400 | A-B | 230,0 | 1,08 | C-D | -- | TRKS 4 |
| TMB 250/012M/1 | 170250-012-1 | 96/EI 03-0/2 | El 96/60 | 230 | A-B | 2x24,0 | 2x5,21 | C-D E-F | -- | TRKS 4 |
| TMB 250/013M/1 | 170250-013-1 | 96/EI 03-0/2 | El 96/60 | 230 | A-B | 115,0 | 2,17 | C-D | -- | TRKS 4 |
| TMB 250/014M/1 | 170250-014-1 | 96/EI 03-0/2 | EI 96/60 | 400 | A-B | 2x12,0 | $2 \times 10,42$ | C-D E-F | -- | TRKS 4 |
| TMB 250/015M/1 | 170250-015-1 | 96/EI 03-0/2 | EI 96/60 | 400 | A-B | 2x24,0 | 2x5,21 | C-D E-F | -- | TRKS 4 |
| TMB 250/016M/1 | 170250-016-1 | 96/EI 03-0/2 | EI 96/60 | 400 | A-B | 115,0 | 2,17 | C-D | -- | TRKS 4 |
| TMB 250/022M/1 | 170250-022-1 | 96/EI 03-0/2 | El 96/60 | 230 | A-B | 36,0 | 6.94 | C-D | -- | TRKS 4 |
| TMB 250/027M/1 | 170250-027-1 | 96/EI 03-0/2 | El 96/60 | 230 | A-B | 48,0 | 5,22 | C-D | -- | TRKS 4 |
| TMB 250/028M/1 | 170250-028-1 | 96/EI 03-0/2 | El 96/60 | 400 | A-B | 42,0 | 5,95 | C-D | -- | TRKS 4 |
| TMB 250/029M/1 | 170250-029-1 | 96/EI 03-0/2 | El 96/60 | 400 | A-B | 48,0 | 5,21 | C-D | -- | TRKS 4 |
| TMB 250/030M/1 | 170250-030-1 | 96/EI 03-0/2 | El 96/60 | 500 | A-B | 24,0 | 10,4 | C-D | -- | TRKS 4 |
| TMB 250/031M/1 | 170250-031-1 | 96/EI 03-0/2 | El 96/60 | 500 | A-B | 230,0 | 1,08 | C-D | -- | TRKS 4 |
| TMB 300/001M/1 | 170300-001-1 | 120/EI 01-0/2 | El 120/42 | 230 | A-B | 2x12,0 | 2x12,5 | C-D E-F | -- | TRKS 4 |
| TMB 300/002M/1 | 170300-002-1 | 120/EI 01-0/2 | El 120/42 | 230 | A-B | 24,0 | 12,5 | C-D | -- | TRKS 4 |
| TMB 300/003M/1 | 170300-003-1 | 120/EI 01-0/2 | El 120/42 | 230 | A-B | 230,0 | 1,3 | C-D | -- | TRKS 4 |
| TMB 300/004M/1 | 170300-004-1 | 120/EI 01-0/2 | El 120/42 | 400 | A-B | 24,0 | 12,5 | C-D | -- | TRKS 4 |
| TMB 300/005M/1 | 170300-005-1 | 120/EI 01-0/2 | El 120/42 | 400 | A-B | 230,0 | 1,3 | C-D | -- | TRKS 4 |
| TMB 300/017M/1 | 170300-017-1 | 120/EI 01-0/2 | El 120/42 | 230 | A-B | 2x24,0 | 2x6,25 | C-D E-F | -- | TRKS 4 |
| TMB 300/018M/1 | 170300-018-1 | 120/EI 01-0/2 | El 120/42 | 230 | A-B | 115,0 | 2,6 | C-D | -- | TRKS 4 |
| TMB 300/019M/1 | 170300-019-1 | 120/EI 01-0/2 | El 120/42 | 400 | A-B | 2x12,0 | 2x12,5 | C-D E-F | -- | TRKS 4 |
| TMB 300/020M/1 | 170300-020-1 | 120/EI 01-0/2 | El 120/42 | 400 | A-B | 2x24,0 | 2x6,25 | C-D E-F | -- | TRKS 4 |
| TMB 300/021M/1 | 170300-021-1 | 120/EI 01-0/2 | El 120/42 | 400 | A-B | 115,0 | 2,6 | C-D | -- | TRKS 4 |
| TMB 300/038M/1 | 170300-038-1 | 120/EI 01-0/2 | El 120/42 | 230 | A-B | 36,0 | 8,33 | C-D | -- | TRKS 4 |
| TMB 300/039M/1 | 170300-039-1 | 120/EI 01-0/2 | El 120/42 | 400 | A-B | 42,0 | 7,14 | C-D | -- | TRKS 4 |
| TMB 300/040M/1 | 170300-040-1 | 120/EI 01-0/2 | El 120/42 | 500 | A-B | 24,0 | 12,5 | C-D | -- | TRKS 4 |
| TMB 300/041M/1 | 170300-041-1 | 120/EI 01-0/2 | El 120/42 | 500 | A-B | 230,0 | 1,3 | C-D | -- | TRKS 4 |
| TMB 400/001M/1 | 170400-001-1 | 120/EI 02-0/2 | El 120/54 | 230 | A-B | 24,0 | 16,67 | C-D | -- | TRKS 4 |


| Katalog <br> TMB <br> Strona 3 <br> Typ transformatora | Kod produktu | Karta katalogowa K K | Typ rdzenia | Napięcie pierwotne znamionowe | Numery końcówek uzwojenia pierwotnego | Napięcia wtórne pod obciążeniem | Prad uzwojenia wtórnego | Numery końcówek uzwojenia wtórnego | Numery końcówek technolog. | Typ końcówek / Uwagi / Inne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| transform |  |  |  | PRI U[V] | pierwotnego | SEC U [V] | SEC I [ A ] | wtórnego |  |  |
| TMB 400/002M/1 | 170400-002-1 | 120/EI 02-0/2 | El 120/54 | 230 | A-B | 230,0 | 1,74 | C-D | -- | TRKS 4 |
| TMB 400/003M/1 | 170400-003-1 | 120/EI 02-0/2 | El 120/54 | 400 | A-B | 24,0 | 16,67 | C-D | -- | TRKS 4 |
| TMB 400/004M/1 | 170400-004-1 | 120/EI 02-0/2 | El 120/54 | 400 | A-B | 230,0 | 1,74 | C-D | -- | TRKS 4 |
| TMB 400/012M/1 | 170400-012-1 | 120/EI 02-0/2 | El 120/54 | 230 | A-B | 2x12,0 | 2x16,67 | C-D E-F | -- | TRKS 4 |
| TMB 400/013M/1 | 170400-013-1 | 120/EI 02-0/2 | El 120/54 | 230 | A-B | 2x24,0 | 2x8,34 | C-D E-F | -- | TRKS 4 |
| TMB 400/014M/1 | 170400-014-1 | 120/EI 02-0/2 | El 120/54 | 230 | A-B | 115,0 | 3,47 | C-D | -- | TRKS 4 |
| TMB 400/015M/1 | 170400-015-1 | 120/EI 02-0/2 | El 120/54 | 400 | A-B | 2x12,0 | 2x16,67 | C-D E-F | -- | TRKS 4 |
| TMB 400/016M/1 | 170400-016-1 | 120/EI 02-0/2 | El 120/54 | 400 | A-B | 2x24,0 | 2x8,34 | C-D E-F | -- | TRKS 4 |
| TMB 400/017M/1 | 170400-017-1 | 120/EI 02-0/2 | El 120/54 | 400 | A-B | 115,0 | 3,47 | C-D | -- | TRKS 4 |
| TMB 400/026M/1 | 170400-026-1 | 120/EI 02-0/2 | El 120/54 | 230 | A-B | 36,0 | 11,11 | C-D | -- | TRKS 4 |
| TMB 400/027M/1 | 170400-027-1 | 120/EI 02-0/2 | El 120/54 | 230 | A-B | 12,0 | 33,33 | C-D | -- | TRKS 4 |
| TMB 400/028M/1 | 170400-028-1 | 120/EI 02-0/2 | El 120/54 | 500 | A-B | 24,0 | 16,67 | C-D | -- | TRKS 4 |
| TMB 400/029M/1 | 170400-029-1 | 120/EI 02-0/2 | El 120/54 | 500 | A-B | 42,0 | 9,52 | C-D | -- | TRKS 4 |
| TMB 400/030M/1 | 170400-030-1 | 120/EI 02-0/2 | El 120/54 | 500 | A-B | 230,0 | 9,52 | C-D | -- | TRKS 4 |
| TMB 500/001M/1 | 170500-001-1 | 120/EI 03-0/2 | El 120/74 | 230 | A-B | 2x24,0 | 2x10,41 | C-D E-F | -- | TRKS 4 |
| TMB 500/002M/1 | 170500-002-1 | 120/EI 03-0/2 | El 120/74 | 230 | A-B | 230,0 | 2,17 | C-D | -- | TRKS 4 |
| TMB 500/003M/1 | 170500-003-1 | 120/EI 03-0/2 | El 120/74 | 400 | A-B | 2x24,0 | 2x10,41 | C-D E-F | -- | TRKS 4 |
| TMB 500/004M/1 | 170500-004-1 | 120/EI 03-0/2 | El 120/74 | 400 | A-B | 230,0 | 2,17 | C-D | -- | TRKS 4 |
| TMB 500/005M/1 | 170500-005-1 | 120/EI 03-0/2 | El 120/74 | 230 | A-B | 115,0 | 4,34 | C-D | -- | TRKS 4 |
| TMB 500/006M/1 | 170500-006-1 | 120/EI 03-0/2 | El 120/74 | 400 | A-B | 255,0 | 1,96 | C-D | -- | TRKS 4 |
| TMB 500/007M/1 | 170500-007-1 | 120/EI 03-0/2 | El 120/74 | 230 | A-B | 2x12,0 | 2x20,83 | C-D E-F | -- | TRKS 4 |
| TMB 500/008M/1 | 170500-008-1 | 120/EI 03-0/2 | El 120/74 | 230 | A-B | 115,0 | 4,34 | C-D | -- | TRKS 4 |
| TMB 500/009M/1 | 170500-009-1 | 120/EI 03-0/2 | El 120/74 | 400 | A-B | 2x12,0 | 2x20,83 | C-D E-F | -- | TRKS 4 |
| TMB 500/010M/1 | 170500-010-1 | 120/EI 03-0/2 | El 120/74 | 400 | A-B | 115,0 | 4,34 | C-D | -- | TRKS 4 |
| TMB 500/011M/1 | 170500-011-1 | 120/EI 03-0/2 | El 120/74 | 230 | A-B | 24,0 | 20,8 | C-D | -- | TRKS 4 |
| TMB 500/014M/1 | 170500-014-1 | 120/EI 03-0/2 | El 120/74 | 230 | A-B | 36,0 | 13,88 | C-D | -- | TRKS 4 |
| TMB 500/015M/1 | 170500-015-1 | 120/EI 03-0/2 | El 120/74 | 400 | A-B | 24,0 | 20,83 | C-D | - | TRKS 4 |
| TMB 500/016M/1 | 170500-016-1 | 120/EI 03-0/2 | El 120/74 | 500 | A-B | 24,0 | 20,83 | C-D | -- | TRKS 4 |
| TMB 500/017M/1 | 170500-017-1 | 120/EI 03-0/2 | El 120/74 | 500 | A-B | 230,0 | 2,17 | C-D | -- | TRKS 4 |
| TMB 600/001M/1 | 170600-001-1 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 2x24,0 | 2x12,5 | C-D E-F | -- | TRKS 4 |
| TMB 600/002M/1 | 170600-002-1 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 230,0 | 2,6 | C-D | -- | TRKS 4 |
| TMB 600/003M/1 | 170600-003-1 | 135/EI 04-0/2 | El 135/62 | 400 | A-B | 2x24,0 | 2x12,5 | C-D E-F | -- | TRKS 4 |
| TMB 600/004M/1 | 170600-004-1 | 135/EI 04-0/2 | El 135/62 | 400 | A-B | 230,0 | 2,6 | C-D | -- | TRKS 4 |
| TMB 600/007M/1 | 170600-007-1 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 2x12,0 | 2x25,0 | C-D E-F | -- | TRKS 4 |
| TMB 600/008M/1 | 170600-008-1 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 115,0 | 5,21 | C-D | -- | TRKS 4 |
| TMB 600/009M/1 | 170600-009-1 | 135/EI 04-0/2 | El 135/62 | 400 | A-B | 2x12,0 | 2x25,0 | C-D E-F | -- | TRKS 4 |
| TMB 600/010M/1 | 170600-010-1 | 135/EI 04-0/2 | El 135/62 | 400 | A-B | 115,0 | 5,21 | C-D | -- | TRKS 4 |
| TMB 600/016M/1 | 170600-016-1 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 42,0 | 14,3 | C-D | -- | TRKS 4 |
| TMB 600/017M/1 | 170600-017-1 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 24,0 | 25,0 | C-D | -- | TRKS 4 |
| TMB 600/021M/1 | 170600-021-1 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 36,0 | 16,67 | C-D | -- | TRKS 4 |
| TMB 600/022M/1 | 170600-022-1 | 135/EI 04-0/2 | El 135/62 | 230 | A-B | 12,0 | 50,0 | C-D | -- | TRKS 4 |
| TMB 600/023M/1 | 170600-023-1 | 135/EI 04-0/2 | El 135/62 | 400 | A-B | 24,0 | 25,0 | C-D | -- | TRKS 4 |
| TMB 600/023M/1 | 170600-023-1 | 135/EI 04-0/2 | El 135/62 | 400 | A-B | 24,0 | 25,0 | C-D | -- | TRKS 4 |
| TMB 600/024M/1 | 170600-024-1 | 135/EI 04-0/2 | El 135/62 | 400 | A-B | 48,0 | 12,5 | C-D | -- | TRKS 4 |
| TMB 600/025M/1 | 170600-025-1 | 135/EI 04-0/2 | El 135/62 | 500 | A-B | 24,0 | 25,0 | C-D | -- | TRKS 4 |
| TMB 600/026M/1 | 170600-026-1 | 135/EI 04-0/2 | El 135/62 | 500 | A-B | 230,0 | 2,6 | C-D | -- | TRKS 4 |
| TMB 800/005M/1 | 170800-005-1 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 115,0 | 6,95 | C-D | -- | TRKS 4 |
| TMB 800/006M/1 | 170800-006-1 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 230,0 | 3,47 | C-D | -- | TRKS 4 |
| TMB 800/007M/1 | 170800-007-1 | 150/EI 02-0/2 | El 150/66 | 400 | A-B | 230,0 | 3,47 | C-D | -- | TRKS 4 |
| TMB 800/008M/1 | 170800-008-1 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 2x24,0 | 2x16,67 | C-D E-F | -- | TRKS 4 |
| TMB 800/009M/1 | 170800-009-1 | 150/EI 02-0/2 | El 150/66 | 400 | A-B | 2x24,0 | 2x16,67 | C-D E-F | -- | TRKS 4 |
| TMB 800/010M/1 | 170800-010-1 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 2x12,0 | 2x33,33 | C-D E-F | -- | TRKS 4 |
| TMB 800/011M/1 | 170800-011-1 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 115,0 | 6,95 | C-D | -- | TRKS 4 |
| TMB 800/012M/1 | 170800-012-1 | 150/EI 02-0/2 | El 150/66 | 400 | A-B | 2x12,0 | 2x33,33 | C-D E-F | -- | TRKS 4 |
| TMB 800/013M/1 | 170800-013-1 | 150/EI 02-0/2 | El 150/66 | 400 | A-B | 115,0 | 6,95 | C-D | -- | TRKS 4 |
| TMB 800/014M/1 | 170800-014-1 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 48,0 | 16,8 | C-D | -- | TRKS 4 |
| TMB 800/015M/1 | 170800-015-1 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 24,0 | 33,33 | C-D | -- | TRKS 4 |
| TMB 800/016M/1 | 170800-016-1 | 150/EI 02-0/2 | El 150/66 | 230 | A-B | 36,0 | 22,22 | C-D | -- | TRKS 4 |
| TMB 800/017M/1 | 170800-017-1 | 150/EI 02-0/2 | El 150/66 | 400 | A-B | 24,0 | 33,33 | C-D | -- | TRKS 4 |
| TMB 800/018M/1 | 170800-018-1 | 150/EI 02-0/2 | El 150/66 | 500 | A-B | 24,0 | 33,33 | C-D | -- | TRKS 4 |
| TMB 800/019M/1 | 170800-019-1 | 150/EI 02-0/2 | El 150/66 | 500 | A-B | 230,0 | 3,47 | C-D | -- | TRKS 4 |
| TMB 1000/003M/1 | 171000-003-1 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 115,0 | 8,69 | C-D | -- | TRKS 4 |
| TMB 1000/004M/1 | 171000-004-1 | 150/EI 03-0/2 | El 150/92 | 400 | A-B | 230,0 | 4,34 | C-D | -- | TRKS 4 |
| TMB 1000/005M/1 | 171000-005-1 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 230,0 | 4,34 | C-D | -- | TRKS 4 |
| TMB 1000/006M/1 | 171000-006-1 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 2x12,0 | 2x41,67 | C-D E-F | -- | TRKS 4 |
| TMB 1000/007M/1 | 171000-007-1 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 2x24,0 | 2x20,84 | C-D E-F | -- | TRKS 4 |
| TMB 1000/009M/1 | 171000-009-1 | 150/EI 03-0/2 | El 150/92 | 400 | A-B | 2x12,0 | 2x41,67 | C-D E-F | -- | TRKS 4 |
| TMB 1000/010M/1 | 171000-010-1 | 150/EI 03-0/2 | El 150/92 | 400 | A-B | 2x24,0 | 2x20,84 | C-D E-F | -- | TRKS 4 |
| TMB 1000/011M/1 | 171000-011-1 | 150/EI 03-0/2 | El 150/92 | 400 | A-B | 115,0 | 8,69 | C-D | -- | TRKS 4 |
| TMB 1000/014M/1 | 171000-014-1 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 24,0 | 41,7 | C-D | -- | TRKS 4 |
| TMB 1000/015M/1 | 171000-015-1 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 36,0 | 27,77 | C-D | -- | TRKS 4 |
| TMB 1000/016M/1 | 171000-016-1 | 150/EI 03-0/2 | El 150/92 | 230 | A-B | 42,0 | 23,81 | C-D | -- | TRKS 4 |
| TMB 1000/017M/1 | 171000-017-1 | 150/EI 03-0/2 | El 150/92 | 400 | A-B | 24,0 | 41,67 | C-D | -- | TRKS 4 |
| TMB 1000/018M/1 | 171000-018-1 | 150/EI 03-0/2 | El 150/92 | 400 | A-B | 42,0 | 23,81 | C-D | -- | TRKS 4 |
| TMB 1000/019M/1 | 171000-019-1 | 150/EI 03-0/2 | El 150/92 | 500 | A-B | 24,0 | 41,67 | C-D | -- | TRKS 4 |


| Katalog <br> TMBS <br> Strona 1 <br> Тур <br> transformatora | Kod produktu | $\begin{gathered} \text { Karta } \\ \text { katalogowa } \\ \text { K K } \end{gathered}$ | Typ rdzenia | Napięcie pierwotne znamionowe | Numery końcówek uzwojenia pierwotnego | Napięcia wtórne pod obciążeniem | Prąd uzwojenia wtórnego | Numery końcówek uzwojenia wtórnego | Numery końcówek technolog. | Typ końcówek / Uwagi / Inne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Catalogue <br> TMBS <br> Side 1 <br> Type of transformer | Article Nr | Number of cataloqgue card KK | Type Of core | Primary rated voltage | Number of pins primary voltage | Secondary rated voltage | Rated secondary current | Number of secondary voltage | Number of additional pins | Type of pins / Comments |
| Der Katalog TMBS <br> Die Seite 1 Der Typ der Transformator | der Code des Produktes | Katalogkarte | der Typ der Kern | PrimarNominalspannung | $\begin{aligned} & \text { die Nummern } \begin{array}{c} \text { der } \\ \text { Primarwicklung } \\ \text {-Schlüsse } \end{array} \end{aligned}$ | Sekundärspannung unter Belastung | der Strom der Sekundärwicklung | die Nummern der Sekundärwickl ung-Schlüsse | die Nummern der technologisch e-Schlüsse | der Typ die Schlusse / Die Bemerkungen |
| Каталог TMBS Страница 1 Тип трансформатора | Номер товара | Каталоговая карта KK | Тип сердечника | Номинальное первочальноена -пяжение | Номера наконечников первоначального напряжения | Вторичное напряжение при нагрузке | Ток вторичной обмотки | Номера наконечников вторичной обмотки | Номера технологичес ких штифтов | Тип штифта / Примечание |
| Katalog <br> TMBS <br> Stránka 1 <br> Typ transformátoru | Kod procuku | Katalogovy list | Typ jádra | Puvodni jmenov tié napětí | Císla koncovek puvodniho vinutí | Sekundární napětí pod zatižením | Proud sekundárniho vinuti | Cisla koncovek sekundárniho vinutí | Cisla technologickýc h koncovek | Typ koncovek/ prípomínky / Jiné |
| Каталог TMBS Страница 1 Тип трансформатора | Код на изделието | Каталожна листовка | Тип сърцевината | Първично номинално напрежение | Номерата на накрайници на първичната | Вторично напрежение при натоварване | Токна вторичната намотка | Номерата на накрайници на вторинна | Номерата на технологичнит е накрайници | Тип накрайника/ Забележки |
|  |  |  |  | PRI U[V] |  | SEC U[V] | SEC I[A] |  |  |  |
| TMBS 20/015M/1 | 180020-015-1 | 60/EI 25-1/2/5 | El 60/21 | 230 | A-B | 12,0 | 1,66 | C-D | -- | TRKS 4 |
| TMBS 20/016M/1 | 180020-016-1 | 60/EI 25-1/2/5 | El 60/21 | 230 | A-B | 24,0 | 0,83 | C-D | -- | TRKS 4 |
| TMBS 20/017M/1 | 180020-017-1 | 60/EI 25-1/2/5 | El 60/21 | 230 | A-B | 230,0 | 0,08 | C-D | -- | TRKS 4 |
| TMBS 20/018M/1 | 180020-018-1 | 60/EI 25-1/2/5 | El 60/21 | 400 | A-B | 24,0 | 0,83 | C-D | -- | TRKS 4 |
| TMBS 20/019M/1 | 180020-019-1 | 60/EI 25-1/2/5 | El 60/21 | 400 | A-B | 230,0 | 0,08 | C-D | -- | TRKS 4 |
| TMBS 20/020M/1 | 180020-020-1 | 60/EI 25-1/2/5 | El 60/21 | 230 | A-B | 2x12,0 | 2x0,83 | C-D E-F | -- | TRKS 4 |
| TMBS 20/021M/1 | 180020-021-1 | 60/EI 25-1/2/5 | El 60/21 | 230 | A-B | 2x24,0 | 2x0,42 | C-D E-F | -- | TRKS 4 |
| TMBS 20/022M/1 | 180020-022-1 | 60/EI 25-1/2/5 | El 60/21 | 230 | A-B | 115,0 | 0,17 | C-D | -- | TRKS 4 |
| TMBS 20/023M/1 | 180020-023-1 | 60/EI 25-1/2/5 | El 60/21 | 400 | A-B | 2x12,0 | 2x0,83 | C-D E-F | -- | TRKS 4 |
| TMBS 20/024M/1 | 180020-024-1 | 60/EI 25-1/2/5 | El 60/21 | 400 | A-B | 2x24,0 | 2x0,42 | C-D E-F | -- | TRKS 4 |
| TMBS20/025M/1 | 180020-025-1 | 60/EI 25-1/2/5 | El 60/21 | 400 | A-B | 115,0 | 0,17 | C-D | -- | TRKS 4 |
| TMBS20/026M/1 | 180020-026-1 | 60/EI 25-1/2/5 | El 60/21 | 230 | A-B | 36,0 | 0,55 | C-D | -- | TRKS 4 |
| TMBS30/020M/1 | 180030-020-1 | 66/EI 11-1/2/5 | El 66/23 | 230 | A-B | 12,0 | 2,5 | C-D | -- | TRKS 4 |
| TMBS30/021M/1 | 180030-021-1 | 66/EI 11-1/2/5 | El 66/23 | 230 | A-B | 24,0 | 1,25 | C-D | -- | TRKS 4 |
| TMBS30/022M/1 | 180030-022-1 | 66/EI 11-1/2/5 | El 66/23 | 230 | A-B | 230,0 | 0,13 | C-D | -- | TRKS 4 |
| TMBS30/023M/1 | 180030-023-1 | 66/EI 11-1/2/5 | El 66/23 | 400 | A-B | 24,0 | 1,25 | C-D | -- | TRKS 4 |
| TMBS30/024M/1 | 180030-024-1 | 66/EI 11-1/2/5 | El 66/23 | 400 | A-B | 230,0 | 0,13 | C-D | -- | TRKS 4 |
| TMBS30/031M/1 | 180030-031-1 | 66/EI 11-1/2/5 | El 66/23 | 230 | A-B | 2x12,0 | 2x1,25 | C-D E-F | -- | TRKS 4 |
| TMBS30/032M/1 | 180030-032-1 | 66/EI 11-1/2/5 | El 66/23 | 230 | A-B | 2x24,0 | 2x0,63 | C-D E-F | -- | TRKS 4 |
| TMBS30/033M/1 | 180030-033-1 | 66/EI 11-1/2/5 | El 66/23 | 230 | A-B | 115,0 | 0,26 | C-D | -- | TRKS 4 |
| TMBS30/034M/1 | 180030-034-1 | 66/EI 11-1/2/5 | El 66/23 | 400 | A-B | 2x12,0 | 2x1,25 | C-D E-F | -- | TRKS 4 |
| TMBS30/035M/1 | 180030-035-1 | 66/EI 11-1/2/5 | El 66/23 | 400 | A-B | 2x24,0 | 2x0,63 | C-D E-F | -- | TRKS 4 |
| TMBS30/036M/1 | 180030-036-1 | 66/EI 11-1/2/5 | El 66/23 | 400 | A-B | 115,0 | 0,26 | C-D | -- | TRKS 4 |
| TMBS30/037M/1 | 180030-037-1 | 66/EI 11-1/2/5 | El 66/23 | 230 | A-B | 36,0 | 0,83 | C-D | -- | TRKS 4 |
| TMBS30/038M/1 | 180030-038-1 | 66/EI 11-1/2/5 | El 66/23 | 400 | A-B | 42,0 | 0,71 | C-D | -- | TRKS 4 |
| TMBS50/001M/1 | 180050-001-1 | 66/EI 13-1/2/5 | El 66/35 | 230 | A-B | 12,0 | 4,16 | C-D | -- | TRKS 4 |
| TMBS50/002M/1 | 180050-002-1 | 66/EI 13-1/2/5 | El 66/35 | 230 | A-B | 24,0 | 2,08 | C-D | -- | TRKS 4 |
| TMBS50/003M/1 | 180050-003-1 | 66/EI 13-1/2/5 | El 66/35 | 230 | A-B | 230,0 | 0,21 | C-D | -- | TRKS 4 |
| TMBS50/004M/1 | 180050-004-1 | 66/EI 13-1/2/5 | El 66/35 | 400 | A-B | 24,0 | 2,08 | C-D | -- | TRKS 4 |
| TMBS50/005M/1 | 180050-005-1 | 66/EI 13-1/2/5 | El 66/35 | 400 | A-B | 230,0 | 0,21 | C-D | -- | TRKS 4 |
| TMBS50/006M/1 | 180050-006-1 | 66/EI 13-1/2/5 | El 66/35 | 230 | A-B | 2x12,0 | 2x2,08 | C-D E-F | -- | TRKS 4 |
| TMBS50/007M/1 | 180050-007-1 | 66/EI 13-1/2/5 | El 66/35 | 230 | A-B | 2x24,0 | 2x1,04 | C-D E-F | -- | TRKS 4 |
| TMBS50/008M/1 | 180050-008-1 | 66/EI 13-1/2/5 | El 66/35 | 230 | A-B | 115,0 | 0,43 | C-D | -- | TRKS 4 |
| TMBS50/009M/1 | 180050-009-1 | 66/EI 13-1/2/5 | El 66/35 | 400 | A-B | 2x12,0 | 2x2,08 | C-D E-F | -- | TRKS 4 |
| TMBS50/010M/1 | 180050-010-1 | 66/EI 13-1/2/5 | El 66/35 | 400 | A-B | 2x24,0 | 2x1,04 | C-D E-F | -- | TRKS 4 |
| TMBS50/011M/1 | 180050-011-1 | 66/EI 13-1/2/5 | El 66/35 | 400 | A-B | 115,0 | 0,43 | C-D | -- | TRKS 4 |
| TMBS50/013M/1 | 180050-013-1 | 66/EI 13-1/2/5 | El 66/35 | 230 | A-B | 36,0 | 1,38 | C-D | -- | TRKS 4 |
| TMBS50/014M/1 | 180050-014-1 | 66/EI 13-1/2/5 | El 66/35 | 400 | A-B | 42,0 | 1,19 | C-D | -- | TRKS 4 |
| TMBS50/015M/1 | 180050-014-1 | 66/EI 13-1/2/5 | El 66/35 | 500 | A-B | 24,0 | 2,08 | C-D | -- | TRKS 4 |
| TMBS50/016M/1 | 180050-014-1 | 66/EI 13-1/2/5 | El 66/35 | 500 | A-B | 230,0 | 0,21 | C-D | -- | TRKS 4 |
| TMBS60/001M/1 | 180060-001-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 12,0 | 5,0 | C-D | -- | TRKS 4 |
| TMBS60/002M/1 | 180060-002-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 24,0 | 2,5 | C-D | -- | TRKS 4 |
| TMBS60/003M/1 | 180060-003-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 230,0 | 0,26 | C-D | -- | TRKS 4 |
| TMBS60/004M/1 | 180060-004-1 | 78/EI 03-1/2/5 | El 78/27 | 400 | A-B | 24,0 | 2,5 | C-D | -- | TRKS 4 |
| TMBS60/005M/1 | 180060-005-1 | 78/EI 03-1/2/5 | El 78/27 | 400 | A-B | 230,0 | 0,26 | C-D | -- | TRKS 4 |
| TMBS60/006M/1 | 180060-006-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 2x12,0 | 2x2,5 | C-D E-F | -- | TRKS 4 |
| TMBS60/007M/1 | 180060-007-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 2x24,0 | 2x1,25 | C-D E-F | -- | TRKS 4 |
| TMBS60/008M/1 | 180060-008-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 115,0 | 0,52 | C-D | -- | TRKS 4 |
| TMBS60/009M/1 | 180060-009-1 | 78/EI 03-1/2/5 | El 78/27 | 400 | A-B | 2x12,0 | 2x2,5 | C-D E-F | -- | TRKS 4 |
| TMBS60/010M/1 | 180060-010-1 | 78/EI 03-1/2/5 | El 78/27 | 400 | A-B | 2x24,0 | 2x1,25 | C-D E-F | -- | TRKS 4 |
| TMBS60/011M/1 | 180060-011-1 | 78/EI 03-1/2/5 | El 78/27 | 400 | A-B | 115,0 | 0,52 | C-D | -- | TRKS 4 |
| TMBS60/012M/1 | 180060-012-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 36,0 | 1,66 | C-D | -- | TRKS 4 |
| TMBS60/013M/1 | 180060-013-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 42,0 | 1,42 | C-D | -- | TRKS 4 |
| TMBS60/015M/1 | 180060-015-1 | 78/EI 03-1/2/5 | El 78/27 | 500 | A-B | 24,0 | 2,5 | C-D | -- | TRKS 4 |
| TMBS60/016M/1 | 180060-016-1 | 78/EI 03-1/2/5 | El 78/27 | 500 | A-B | 230,0 | 0,26 | C-D | -- | TRKS 4 |
| TMBS80/006M/1 | 180080-006-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 12,0 | 6,66 | C-D | -- | TRKS 4 |
| TMBS80/007M/1 | 180080-007-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 24,0 | 3,33 | C-D | -- | TRKS 4 |
| TMBS80/008M/1 | 180080-008-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 230,0 | 0,34 | C-D | -- | TRKS 4 |
| TMBS80/009M/1 | 180080-009-1 | 78/EI 03-1/2/5 | El 78/27 | 400 | A-B | 24,0 | 3,33 | C-D | -- | TRKS 4 |
| TMBS80/010M/1 | 180080-010-1 | 78/EI 03-1/2/5 | El 78/27 | 400 | A-B | 230,0 | 0,34 | C-D | -- | TRKS 4 |
| TMBS80/017M/1 | 180080-017-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 2x12,0 | 2x3,33 | C-D E-F | -- | TRKS 4 |
| TMBS80/018M/1 | 180080-018-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 2x24,0 | 2x1,67 | C-D E-F | -- | TRKS 4 |
| TMBS80/019M/1 | 180080-019-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 115,0 | 0,69 | C-D | -- | TRKS 4 |
| TMBS80/020M/1 | 180080-020-1 | 78/EI 03-1/2/5 | El 78/27 | 400 | A-B | 2x12,0 | 2x3,33 | C-D E-F | -- | TRKS 4 |
| TMBS80/021M/1 | 180080-021-1 | 78/EI 03-1/2/5 | El 78/27 | 400 | A-B | 2x24,0 | 2x1,67 | C-D E-F | -- | TRKS 4 |
| TMBS80/022M/1 | 180080-022-1 | 78/EI 03-1/2/5 | El 78/27 | 400 | A-B | 115,0 | 0,69 | C-D | -- | TRKS 4 |
| TMBS80/023M/1 | 180080-023-1 | 78/EI 03-1/2/5 | El 78/27 | 230 | A-B | 36,0 | 2,22 | C-D | -- | TRKS 4 |
| TMBS80/025M/1 | 180080-025-1 | 78/EI 03-1/2/5 | El 78/27 | 500 | A-B | 24,0 | 3,33 | C-D | -- | TRKS 4 |
| TMBS80/026M/1 | 180080-026-1 | 78/EI 03-1/2/5 | El 78/27 | 500 | A-B | 230,0 | 0,34 | C-D | -- | TRKS 4 |
| TMBS $100 / 001 \mathrm{M} / 1$ | 170100-001-1 | 84/EI 09-1/2/5 | El 84/29 | 230 | A-B | 12,0 | 8,33 | C-D | -- | TRKS 4 |
| TMBS100/002M/1 | 170100-002-1 | 84/EI 09-1/2/5 | El 84/29 | 230 | A-B | 24,0 | 4,17 | C-D | -- | TRKS 4 |
| TMBS $100 / 003 \mathrm{M} / 1$ | 170100-003-1 | 84/EI 09-1/2/5 | El 84/29 | 230 | A-B | 230,0 | 0,43 | C-D | -- | TRKS 4 |
| TMBS $100 / 004 \mathrm{M} / 1$ | 170100-004-1 | 84/EI 09-1/2/5 | El 84/29 | 400 | $A-B$ | 24,0 | 4,17 | C-D | -- | TRKS 4 |


| Katalog <br> TMB <br> Strona 2 <br> Typ | Kod produktu | Karta katalogowa K K | $\begin{aligned} & \text { Typ } \\ & \text { rdzenia } \end{aligned}$ | Napięcie pierwotne znamionowe | Numery końcówek uzwojenia | Napięcia wtórne pod obciażeniem | Prad uzwojenia wtórnego | Numery końcówek uzwojenia | Numery końcówek technolog | Typ końcówek / Uwagi / Inne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| transformatora |  |  |  | PRI U[V] | pierwotnego | SEC U[V] | SEC I[A] | wtórnego |  |  |
| TMBS $100 / 005 \mathrm{M} / 1$ | 180100-005-1 | 84/EI 09-1/2/5 | El 84/29 | 400 | A-B | 230,0 | 0,43 | C-D | -- | TRKS 4 |
| TMBS 100/006M/1 | 180100-006-1 | 84/EI 09-1/2/5 | El 84/29 | 230 | A-B | 2x12,0 | 2x4,17 | C-D E-F | -- | TRKS 4 |
| TMBS100/007M/1 | 180100-007-1 | 84/EI 09-1/2/5 | El 84/29 | 230 | A-B | 2x24,0 | 2x2,09 | C-D E-F | -- | TRKS 4 |
| TMBS100/008M/1 | 180100-008-1 | 84/EI 09-1/2/5 | El 84/29 | 230 | A-B | 115,0 | 0,87 | C-D | -- | TRKS 4 |
| TMBS100/009M/1 | 180100-009-1 | 84/EI 09-1/2/5 | El 84/29 | 400 | A-B | 2x12,0 | 2x4,17 | C-D E-F | -- | TRKS 4 |
| TMBS100/010M/1 | 180100-010-1 | 84/EI 09-1/2/5 | El 84/29 | 400 | A-B | 2x24,0 | 2x2,09 | C-D E-F | -- | TRKS 4 |
| TMBS 100/011M/1 | 180100-011-1 | 84/EI 09-1/2/5 | El 84/29 | 400 | A-B | 115,0 | 0,87 | C-D | -- | TRKS 4 |
| TMBS 100/012M/1 | 180100-012-1 | 84/EI 09-1/2/5 | El 84/29 | 230 | A-B | 36,0 | 2,77 | C-D | -- | TRKS 4 |
| TMBS 100/013M/1 | 180100-013-1 | 84/EI 09-1/2/5 | El 84/29 | 230 | A-B | 42,0 | 2,38 | C-D | -- | TRKS 4 |
| TMBS100/018M/1 | 180100-018-1 | 84/EI 09-1/2/5 | El 84/29 | 400 | A-B | 12,0 | 8,33 | C-D | -- | TRKS 4 |
| TMBS 100/019M/1 | 180100-019-1 | 84/EI 09-1/2/5 | El 84/29 | 500 | A-B | 24,0 | 4,17 | C-D | -- | TRKS 4 |
| TMBS 100/020M/1 | 180100-020-1 | 84/EI 09-1/2/5 | El 84/29 | 500 | A-B | 230,0 | 0,43 | C-D | -- | TRKS 4 |
| TMBS120/001M/1 | 180120-001-1 | 84/EI 12-1/2/5 | El 84/44 | 230 | A-B | 12,0 | 10,0 | C-D | -- | TRKS 4 |
| TMBS120/002M/1 | 180120-002-1 | 84/EI 12-1/2/5 | El 84/44 | 230 | A-B | 24,0 | 5,0 | C-D | -- | TRKS 4 |
| TMBS 120/003M/1 | 180120-003-1 | 84/EI 12-1/2/5 | El 84/44 | 230 | A-B | 230,0 | 0,52 | C-D | -- | TRKS 4 |
| TMBS $120 / 004 \mathrm{M} / 1$ | 180120-004-1 | 84/EI 12-1/2/5 | El 84/44 | 400 | A-B | 24,0 | 5,0 | C-D | -- | TRKS 4 |
| TMBS120/005M/1 | 180120-005-1 | 84/EI 12-1/2/5 | El 84/44 | 400 | A-B | 230,0 | 0,52 | C-D | -- | TRKS 4 |
| TMBS120/006M/1 | 180120-006-1 | 84/EI 12-1/2/5 | El 84/44 | 230 | A-B | 2x12,0 | 2x5,0 | C-D E-F | -- | TRKS 4 |
| TMBS120/007M/1 | 180120-007-1 | 84/EI 12-1/2/5 | El 84/44 | 230 | A-B | 2x24,0 | 2x2,5 | C-D E-F | -- | TRKS 4 |
| TMBS 120/008M/1 | 180120-008-1 | 84/EI 12-1/2/5 | El 84/44 | 230 | A-B | 115,0 | 1,04 | C-D | -- | TRKS 4 |
| TMBS $120 / 009 \mathrm{M} / 1$ | 180120-009-1 | 84/EI 12-1/2/5 | El 84/44 | 400 | A-B | 2x12,0 | 2x5,0 | C-D E-F | -- | TRKS 4 |
| TMBS120/010M/1 | 180120-010-1 | 84/EI 12-1/2/5 | El 84/44 | 400 | A-B | 2x24,0 | 2x2,5 | C-D E-F | -- | TRKS 4 |
| TMBS $120 / 011 \mathrm{M} / 1$ | 180120-011-1 | 84/EI 12-1/2/5 | El 84/44 | 400 | A-B | 115,0 | 1,04 | C-D | -- | TRKS 4 |
| TMBS 120/012M/1 | 180120-012-1 | 84/EI 12-1/2/5 | El 84/44 | 230 | A-B | 36,0 | 3,33 | C-D | -- | TRKS 4 |
| TMBS 120/013M/1 | 180120-013-1 | 84/EI 12-1/2/5 | El 84/44 | 500 | A-B | 24,0 | 5,0 | C-D | -- | TRKS 4 |
| TMBS $120 / 014 \mathrm{M} / 1$ | 180120-014-1 | 84/EI 12-1/2/5 | El 84/44 | 500 | A-B | 42,0 | 2,85 | C-D | -- | TRKS 4 |
| TMBS 120/015M/1 | 180120-015-1 | 84/EI 12-1/2/5 | El 84/44 | 500 | A-B | 230,0 | 0,52 | C-D | -- | TRKS 4 |
| TMBS160/001M/1 | 180160-001-1 | 96/EI 01-1/2/5 | El 96/36 | 230 | A-B | 12,0 | 13,33 | C-D | -- | TRKS 4 |
| TMBS 160/002M/1 | 180160-002-1 | 96/EI 01-1/2/5 | El 96/36 | 230 | A-B | 24,0 | 6,67 | C-D | -- | TRKS 4 |
| TMBS 160/003M/1 | 180160-003-1 | 96/EI 01-1/2/5 | El 96/36 | 230 | A-B | 230,0 | 0,69 | C-D | -- | TRKS 4 |
| TMBS 160/004M/1 | 180160-004-1 | 96/EI 01-1/2/5 | El 96/36 | 400 | A-B | 24,0 | 6,67 | C-D | -- | TRKS 4 |
| TMBS160/005M/1 | 180160-005-1 | 96/EI 01-1/2/5 | El 96/36 | 400 | A-B | 230,0 | 0,69 | C-D | -- | TRKS 4 |
| TMBS 160/006M/1 | 180160-006-1 | 96/EI 01-1/2/5 | El 96/36 | 230 | A-B | 2x12,0 | 2x6,67 | C-D E-F | -- | TRKS 4 |
| TMBS 160/007M/1 | 180160-007-1 | 96/EI 01-1/2/5 | El 96/36 | 230 | A-B | 2x24,0 | 2x3,34 | C-D E-F | -- | TRKS 4 |
| TMBS 160/008M/1 | 180160-008-1 | 96/EI 01-1/2/5 | El 96/36 | 230 | A-B | 115,0 | 1,39 | C-D | -- | TRKS 4 |
| TMBS 160/009M/1 | 180160-009-1 | 96/EI 01-1/2/5 | El 96/36 | 400 | A-B | 2x12,0 | 2x6,67 | C-D E-F | -- | TRKS 4 |
| TMBS160/010M/1 | 180160-010-1 | 96/EI 01-1/2/5 | El 96/36 | 400 | A-B | 2x24,0 | 2x3,34 | C-D E-F | -- | TRKS 4 |
| TMBS $160 / 011 \mathrm{M} / 1$ | 180160-011-1 | 96/EI 01-1/2/5 | El 96/36 | 400 | A-B | 115,0 | 1,39 | C-D | -- | TRKS 4 |
| TMBS 160/012M/1 | 180160-012-1 | 96/EI 01-1/2/5 | El 96/36 | 230 | A-B | 36,0 | 4,44 | C-D | -- | TRKS 4 |
| TMBS 160/013M/1 | 180160-013-1 | 96/EI 01-1/2/5 | El 96/36 | 230 | A-B | 42,0 | 3,8 | C-D | -- | TRKS 4 |
| TMBS 160/016M/1 | 180160-016-1 | 96/EI 01-1/2/5 | El 96/36 | 500 | A-B | 24,0 | 6,66 | C-D | -- | TRKS 4 |
| TMBS 160/017M/1 | 180160-017-1 | 96/EI 01-1/2/5 | El 96/36 | 500 | A-B | 42,0 | 3,80 | C-D | -- | TRKS 4 |
| TMBS $160 / 018 \mathrm{M} / 1$ | 180160-018-1 | 96/EI 01-1/2/5 | El 96/36 | 500 | A-B | 115,0 | 1,39 | C-D | -- | TRKS 4 |
| TMBS 160/019M/1 | 180160-019-1 | 96/EI 01-1/2/5 | El 96/36 | 500 | A-B | 230,0 | 0,69 | C-D | -- | TRKS 4 |
| TMBS200/001M/1 | 180200-001-1 | 96/EI 02-1/2/5 | El 96/46 | 230 | A-B | 12,0 | 16,67 | C-D | -- | TRKS 4 |
| TMBS200/002M/1 | 180200-002-1 | 96/EI 02-1/2/5 | El 96/46 | 230 | A-B | 24,0 | 8,34 | C-D | -- | TRKS 4 |
| TMBS200/003M/1 | 180200-003-1 | 96/EI 02-1/2/5 | El 96/46 | 230 | A-B | 230,0 | 0,87 | C-D | -- | TRKS 4 |
| TMBS200/004M/1 | 180200-004-1 | 96/EI 02-1/2/5 | El 96/46 | 400 | A-B | 24,0 | 8,34 | C-D | -- | TRKS 4 |
| TMBS200/005M/1 | 180200-005-1 | 96/EI 02-1/2/5 | El 96/46 | 400 | A-B | 230,0 | 0,87 | C-D | -- | TRKS 4 |
| TMBS200/006M/1 | 180200-006-1 | 96/EI 02-1/2/5 | El 96/46 | 230 | A-B | 2x12,0 | 2x8,33 | C-D E-F | -- | TRKS 4 |
| TMBS200/007M/1 | 180200-007-1 | 96/EI 02-1/2/5 | El 96/46 | 230 | A-B | 2x24,0 | 2x4,17 | C-D E-F | -- | TRKS 4 |
| TMBS200/008M/1 | 180200-008-1 | 96/EI 02-1/2/5 | El 96/46 | 230 | A-B | 115,0 | 1,74 | C-D | -- | TRKS 4 |
| TMBS200/009M/1 | 180200-009-1 | 96/EI 02-1/2/5 | El 96/46 | 400 | A-B | 2x12,0 | 2x8,33 | C-D E-F | -- | TRKS 4 |
| TMBS200/010M/1 | 180200-010-1 | 96/EI 02-1/2/5 | El 96/46 | 400 | A-B | 2x24,0 | 2x4,17 | C-D E-F | -- | TRKS 4 |
| TMBS200/011M/1 | 180200-011-1 | 96/EI 02-1/2/5 | El 96/46 | 400 | A-B | 115,0 | 1,74 | C-D | -- | TRKS 4 |
| TMBS200/012M/1 | 180200-012-1 | 96/EI 02-1/2/5 | El 96/46 | 230 | A-B | 36,0 | 5,55 | C-D | -- | TRKS 4 |
| TMBS200/013M/1 | 180200-013-1 | 96/EI 02-1/2/5 | El 96/46 | 230 | A-B | 42,0 | 4,76 | C-D | -- | TRKS 4 |
| TMBS200/016M/1 | 180200-016-1 | 96/EI 02-1/2/5 | El 96/46 | 500 | A-B | 24,0 | 8,33 | C-D | -- | TRKS 4 |
| TMBS200/017M/1 | 180200-017-1 | 96/EI 02-1/2/5 | El 96/46 | 500 | A-B | 42,0 | 4,76 | C-D | -- | TRKS 4 |
| TMBS200/018M/1 | 180200-018-1 | 96/EI 02-1/2/5 | El 96/46 | 500 | A-B | 230,0 | 0,86 | C-D | -- | TRKS 4 |
| TMBS250/001M/1 | 180250-001-1 | 96/EI 03-1/2/5 | El 96/60 | 230 | A-B | 2x12,0 | 2x10,4 | C-D E-F | -- | TRKS 4 |
| TMBS250/002M/1 | 180250-002-1 | 96/EI 03-1/2/5 | El 96/60 | 230 | A-B | 24,0 | 10,4 | C-D | -- | TRKS 4 |
| TMBS250/003M/1 | 180250-003-1 | 96/EI 03-1/2/5 | El 96/60 | 230 | A-B | 230,0 | 1,08 | C-D | -- | TRKS 4 |
| TMBS250/004M/1 | 180250-004-1 | 96/EI 03-1/2/5 | El 96/60 | 400 | A-B | 24,0 | 10,4 | C-D | -- | TRKS 4 |
| TMBS250/005M/1 | 180250-005-1 | 96/EI 03-1/2/5 | El 96/60 | 400 | A-B | 230,0 | 1,08 | C-D | -- | TRKS 4 |
| TMBS250/012M/1 | 180250-012-1 | 96/EI 03-1/2/5 | El 96/60 | 230 | A-B | 2x24,0 | 2x5,21 | C-D E-F | -- | TRKS 4 |
| TMBS250/013M/1 | 180250-013-1 | 96/EI 03-1/2/5 | El 96/60 | 230 | A-B | 115,0 | 2,17 | C-D | -- | TRKS 4 |
| TMBS250/014M/1 | 180250-014-1 | 96/EI 03-1/2/5 | El 96/60 | 400 | A-B | 2x12,0 | 2x10,42 | C-D E-F | -- | TRKS 4 |
| TMBS250/015M/1 | 180250-015-1 | 96/EI 03-1/2/5 | El 96/60 | 400 | A-B | 2x24,0 | 2x5,21 | C-D E-F | -- | TRKS 4 |
| TMBS250/016M/1 | 180250-016-1 | 96/EI 03-1/2/5 | El 96/60 | 400 | A-B | 115,0 | 2,17 | C-D | -- | TRKS 4 |
| TMBS250/022M/1 | 180250-022-1 | 96/EI 03-1/2/5 | El 96/60 | 230 | A-B | 36,0 | 6.94 | C-D | -- | TRKS 4 |
| TMBS250/027M/1 | 180250-027-1 | 96/EI 03-1/2/5 | El 96/60 | 230 | A-B | 48,0 | 5,22 | C-D | -- | TRKS 4 |
| TMBS250/028M/1 | 180250-028-1 | 96/EI 03-1/2/5 | El 96/60 | 400 | A-B | 42,0 | 5,95 | C-D | -- | TRKS 4 |
| TMBS250/029M/1 | 180250-029-1 | 96/EI 03-1/2/5 | El 96/60 | 400 | A-B | 48,0 | 5,21 | C-D | -- | TRKS 4 |
| TMBS250/030M/1 | 180250-030-1 | 96/EI 03-1/2/5 | El 96/60 | 500 | A-B | 24,0 | 10,4 | C-D | -- | TRKS 4 |
| TMBS250/031M/1 | 180250-031-1 | 96/EI 03-1/2/5 | El 96/60 | 500 | A-B | 230,0 | 1,08 | C-D | -- | TRKS 4 |
| TMBS300/001M/1 | 180300-001-1 | 120/EI 01-1/2/5 | El 120/42 | 230 | A-B | 2x12,0 | 2x12,5 | C-D E-F | -- | TRKS 4 |
| TMBS300/002M/1 | 180300-002-1 | 120/EI 01-1/2/5 | El 120/42 | 230 | A-B | 24,0 | 12,5 | C-D | -- | TRKS 4 |
| TMBS300/003M/1 | 180300-003-1 | 120/EI 01-1/2/5 | El 120/42 | 230 | A-B | 230,0 | 1,3 | C-D | -- | TRKS 4 |
| TMBS300/004M/1 | 180300-004-1 | 120/EI 01-1/2/5 | El 120/42 | 400 | A-B | 24,0 | 12,5 | C-D | -- | TRKS 4 |
| TMBS300/005M/1 | 180300-005-1 | 120/EI 01-1/2/5 | El 120/42 | 400 | A-B | 230,0 | 1,3 | C-D | -- | TRKS 4 |
| TMBS300/017M/1 | 180300-017-1 | 120/EI 01-1/2/5 | El 120/42 | 230 | A-B | 2x24,0 | 2x6,25 | C-D E-F | -- | TRKS 4 |
| TMBS300/018M/1 | 180300-018-1 | 120/EI 01-1/2/5 | El 120/42 | 230 | A-B | 115,0 | 2,6 | C-D | -- | TRKS 4 |
| TMBS300/019M/1 | 180300-019-1 | 120/EI 01-1/2/5 | El 120/42 | 400 | A-B | 2x12,0 | 2x12,5 | C-D E-F | -- | TRKS 4 |
| TMBS300/020M/1 | 180300-020-1 | 120/EI 01-1/2/5 | El 120/42 | 400 | A-B | 2x24,0 | 2x6,25 | C-D E-F | -- | TRKS 4 |
| TMBS300/021M/1 | 180300-021-1 | 120/EI 01-1/2/5 | El 120/42 | 400 | A-B | 115,0 | 2,6 | C-D | -- | TRKS 4 |
| TMBS300/038M/1 | 180300-038-1 | 120/EI 01-1/2/5 | El 120/42 | 230 | A-B | 36,0 | 8,33 | C-D | -- | TRKS 4 |
| TMBS300/039M/1 | 180300-039-1 | 120/EI 01-1/2/5 | El 120/42 | 400 | A-B | 42,0 | 7,14 | C-D | -- | TRKS 4 |
| TMBS300/040M/1 | 180300-040-1 | 120/EI 01-1/2/5 | El 120/42 | 500 | A-B | 24,0 | 12,5 | C-D | -- | TRKS 4 |
| TMBS300/041M/1 | 180300-041-1 | 120/EI 01-1/2/5 | El 120/42 | 500 | A-B | 230,0 | 1,3 | C-D | -- | TRKS 4 |
| TMBS400/001M/1 | 180400-001-1 | 120/EI 02-1/2/5 | El 120/54 | 230 | A-B | 24,0 | 16,67 | C-D | -- | TRKS 4 |


| Katalog <br> TMBS <br> Strona 3 <br> Typ | Kod produktu | Karta katalogowa K K | Typ rdzenia | Napięcie pierwotne znamionowe | Numery końcówek uzwojenia | Napięcia wtórne pod obciazżeniem | Prad uzwojenia wtórnego | Numery końcówek uzwojenia | Numery końcówek technolog | Typ końcówek / Uwagi / Inne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| transformatora |  |  |  | PRI U[V] | pierwotnego | SEC U[V] | SEC I[A] | wtórnego |  |  |
| TMBS400/002M/1 | 180400-002-1 | 120/EI 02-1/2/5 | El 120/54 | 230 | A-B | 230,0 | 1,74 | C-D | -- | TRKS 4 |
| TMBS400/003M/1 | 180400-003-1 | 120/EI 02-1/2/5 | El 120/54 | 400 | A-B | 24,0 | 16,67 | C-D | -- | TRKS 4 |
| TMBS $400 / 004 \mathrm{M} / 1$ | 180400-004-1 | 120/EI 02-1/2/5 | El 120/54 | 400 | A-B | 230,0 | 1,74 | C-D | -- | TRKS 4 |
| TMBS400/012M/1 | 180400-012-1 | 120/EI 02-1/2/5 | El 120/54 | 230 | A-B | 2x12,0 | 2x16,67 | C-D E-F | -- | TRKS 4 |
| TMBS400/013M/1 | 180400-013-1 | 120/EI 02-1/2/5 | El 120/54 | 230 | A-B | 2x24,0 | 2x8,34 | C-D E-F | -- | TRKS 4 |
| TMBS $400 / 014 \mathrm{M} / 1$ | 180400-014-1 | 120/EI 02-1/2/5 | El 120/54 | 230 | A-B | 115,0 | 3,47 | C-D | -- | TRKS 4 |
| TMBS400/015M/1 | 180400-015-1 | 120/EI 02-1/2/5 | El 120/54 | 400 | A-B | 2x12,0 | 2x16,67 | C-D E-F | -- | TRKS 4 |
| TMBS400/016M/1 | 180400-016-1 | 120/EI 02-1/2/5 | El 120/54 | 400 | A-B | 2x24,0 | 2x8,34 | C-D E-F | -- | TRKS 4 |
| TMBS400/017M/1 | 180400-017-1 | 120/EI 02-1/2/5 | El 120/54 | 400 | A-B | 115,0 | 3,47 | C-D | -- | TRKS 4 |
| TMBS400/026M/1 | 180400-026-1 | 120/EI 02-1/2/5 | El 120/54 | 230 | A-B | 36,0 | 11,11 | C-D | -- | TRKS 4 |
| TMBS400/027M/1 | 180400-027-1 | 120/EI 02-1/2/5 | El 120/54 | 230 | A-B | 12,0 | 33,33 | C-D | -- | TRKS 4 |
| TMBS400/028M/1 | 180400-028-1 | 120/EI 02-1/2/5 | El 120/54 | 500 | A-B | 24,0 | 16,67 | C-D | -- | TRKS 4 |
| TMBS $400 / 029 \mathrm{M} / 1$ | 180400-029-1 | 120/EI 02-1/2/5 | El 120/54 | 500 | A-B | 42,0 | 9,52 | C-D | -- | TRKS 4 |
| TMBS400/030M/1 | 180400-030-1 | 120/EI 02-1/2/5 | El 120/54 | 500 | A-B | 230,0 | 9,52 | C-D | -- | TRKS 4 |
| TMBS500/001M/1 | 180500-001-1 | 120/EI 03-1/2/5 | El 120/74 | 230 | A-B | 2x24,0 | 2x10,41 | C-D E-F | -- | TRKS 4 |
| TMBS500/002M/1 | 180500-002-1 | 120/EI 03-1/2/5 | El 120/74 | 230 | A-B | 230,0 | 2,17 | C-D | -- | TRKS 4 |
| TMBS500/003M/1 | 180500-003-1 | 120/EI 03-1/2/5 | El 120/74 | 400 | A-B | 2x24,0 | 2x10,41 | C-D E-F | -- | TRKS 4 |
| TMBS500/004M/1 | 180500-004-1 | 120/EI 03-1/2/5 | El 120/74 | 400 | A-B | 230,0 | 2,17 | C-D | -- | TRKS 4 |
| TMBS500/005M/1 | 180500-005-1 | 120/EI 03-1/2/5 | El 120/74 | 230 | A-B | 115,0 | 4,34 | C-D | -- | TRKS 4 |
| TMBS500/006M/1 | 180500-006-1 | 120/EI 03-1/2/5 | El 120/74 | 400 | A-B | 255,0 | 1,96 | C-D | -- | TRKS 4 |
| TMBS500/007M/1 | 180500-007-1 | 120/EI 03-1/2/5 | El 120/74 | 230 | A-B | 2x12,0 | 2x20,83 | C-D E-F | -- | TRKS 4 |
| TMBS500/008M/1 | 180500-008-1 | 120/EI 03-1/2/5 | El 120/74 | 230 | A-B | 115,0 | 4,34 | C-D | -- | TRKS 4 |
| TMBS500/009M/1 | 180500-009-1 | 120/EI 03-1/2/5 | El 120/74 | 400 | A-B | 2x12,0 | 2x20,83 | C-D E-F | -- | TRKS 4 |
| TMBS500/010M/1 | 180500-010-1 | 120/EI 03-1/2/5 | El 120/74 | 400 | A-B | 115,0 | 4,34 | C-D | -- | TRKS 4 |
| TMBS500/011M/1 | 180500-011-1 | 120/EI 03-1/2/5 | El 120/74 | 230 | A-B | 24,0 | 20,8 | C-D | -- | TRKS 4 |
| TMBS500/014M/1 | 180500-014-1 | 120/EI 03-1/2/5 | El 120/74 | 230 | A-B | 36,0 | 13,88 | C-D | -- | TRKS 4 |
| TMBS500/015M/1 | 180500-015-1 | 120/EI 03-1/2/5 | El 120/74 | 400 | A-B | 24,0 | 20,83 | C-D | -- | TRKS 4 |
| TMBS500/016M/1 | 180500-016-1 | 120/EI 03-1/2/5 | El 120/74 | 500 | A-B | 24,0 | 20,83 | C-D | -- | TRKS 4 |
| TMBS500/017M/1 | 180500-017-1 | 120/EI 03-1/2/5 | El 120/74 | 500 | A-B | 230,0 | 2,17 | C-D | -- | TRKS 4 |



## iñō

KARTA KATALOGOWA KK 66/EI .... - 0/2
Rozwiazzanie mechaniczne transformatora na ksztatce EI 66
Catalogue card $K K 66 / E 1$...- $0 / 2$ Mechanical solution transformer on El 66 core
Katalogkarte KK $66 /$ /EI ...-O/2 das mechanische Auflosung der Transformator Auffinden auf Formstïck El 66
 Каталожна листовка КК $66 / E I$...-0/2 Механчческо решение трансформатора с керамичната сърцевина ЕI 66


UWAGA - transformator może być mocowany na szynie TS35 po zamontowaniu uchwytów WM35 - wykonanie na specjalne zamówienie

|  |  |  | $\begin{aligned} & \text { Wymiary } \\ & \begin{array}{c} \text { Dimenisions } \\ \text { Ausmape } \\ \text { Pasmopb } \\ \text { Rozmery } \\ \text { Poazuepu } \end{array} \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Masa } \\ \text { Weight } \\ \text { Masse } \\ \text { Maccat } \\ \text { Hmotnost } \\ \text { Maca } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | a | b1 | c | d | d1 | e | e1 | e2 | f | 11 | f2 | $p$ | p1 | h | m |  |  |
|  |  | VA | mm |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | kg |
| KK 66/EE 11-0/2 | El 66/23 | 30 (35*) | 66 | 59 | 48 | 50 | 40 | 53 | 9 | 3,6 | 16 | 4.8 | 5 | 10 | 7.5 | 83 | 37.5 | $\begin{gathered} \text { KP, P } \\ \mathrm{H}_{1}, \mathrm{~K} 1 \end{gathered}$ | 0.7 |
| KK 66/EE 12-0/2 | El 66/27 | 35 (45*) | 66 | 59 | 52 | 50 | 44 | 57 | 9 | 3,6 | 16 | 4,8 | 5 | 10 | 7.5 | 83 | 37.5 |  | 0,8 |
| KK 66/E\| 13-0/2 | El 66/35 | 50 (60*) | 66 | 59 | 60 | 50 | 52 | 65 | 9 | 3,6 | 16 | 4.8 | 5 | 10 | . 5 | 83 | 37.5 |  | 0,9 |

KARTA KATALOGOWA KK 60/EI .... - 0/2
Rozwiazanie mechaniczne transformatora na ksztatce EI 60
Catalogue card KK $60 / E I . .-0 / 2$ Mechanical solution transformer on EI 60 core sung der Transformator Aufbinden auf Formstück El 60 Kamалогозaя карта КК 60/EI...-0/2 Механические решения трансформации ппастинки EI 60
Katalogovy list KK $60 / E 1$..-0/2 Mechanické reseni transformátoru na tvarovce EI 60 Каталожна листовка КК 60/E/ ...-0/2 Механическо решение трансформматора с көрамичнната сьрцевина ЕI 60


|  |  | MocPowerKorffMountombV.konMouMou | WymiaryDimensiaionsAlsmaisePasmepolRozmeryPazmepu |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Masa <br> Weight Masse Macca Hmotnos Maca |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | a | b1 | $c$ | c1 | $d$ | d1 | e | e1 | e2 | $f$ | 11 | f2 | p | h | m |  |  |
|  |  | VA | mm |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | kg |
| KK 60/El $25-0 / 2$ | E1 60/21 | 20 (25*) | 60 | 54 | 46 | -- | 44 | 36 | 47 | 7 | 3,6 | 35 | 3,6 | - | 7,5 | 78 | 32,5 | $\begin{gathered} \hline \text { KP, P, X } \\ \text { H1, K1 } \\ \text { LZ } \\ \hline \end{gathered}$ | 0.50 |
| KK 60/EI 16-0/2 | E1 60/25,5 | 25 (30*) | 60 | 54 | 50,5 | -- | 44 | 40,5 | 51,5 | 7 | 3,6 | 35 | 3, | - | 7.5 | 78 | 32,5 |  | 0.65 |
| KK 60/E\| 27-0/2 | E1 60/31 | $30\left(35^{*}\right)$ | 60 | 54 | 56 | -- | 44 | 46 | 57 | 7 | 3,6 | 35 | 3 | - | 7,5 | 78 | 32,5 |  | 0,80 |





iñō
Rozwiazanie mechaniczne transformatora na ksztattce EI 150 Catalogue card KK 150/EI ....-O/2 Mechanical solution transformer on El 150 core
Matalogovy list KK $150 / E 1$....-0/2 Каталоговая карта KК 150/ЕІ .... -0/2 Мөханические решения трансформации пластинки ЕI 150


