

# clipx ENGINEER 2.0.13

## Informacje o wersji Wskazówki dotyczące zmian w skrócie

Informacja dla użytkownika

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## 1 Opis

Oprogramowanie do projektowania clippy ENGINEER umożliwia projektowanie i zamawianie listew ze złączkami, wyposażonych płyt montażowych oraz skrzynek przyłączeniowych. Dane można przestać do produkcji.



Dokument opisuje zmiany między wersją 2.0.12 a 2.0.13 oprogramowania clippy ENGINEER firmy Phoenix Contact  
([phoenixcontact.com/product/1272241](https://phoenixcontact.com/product/1272241)).

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## Należy przestrzegać tych wskazówek



Należy sprawdzić aktualność posiadanej dokumentacji. Aktualną dokumentację można pobrać ze strony  
[phoenixcontact.net/product/1272241](https://phoenixcontact.net/product/1272241).

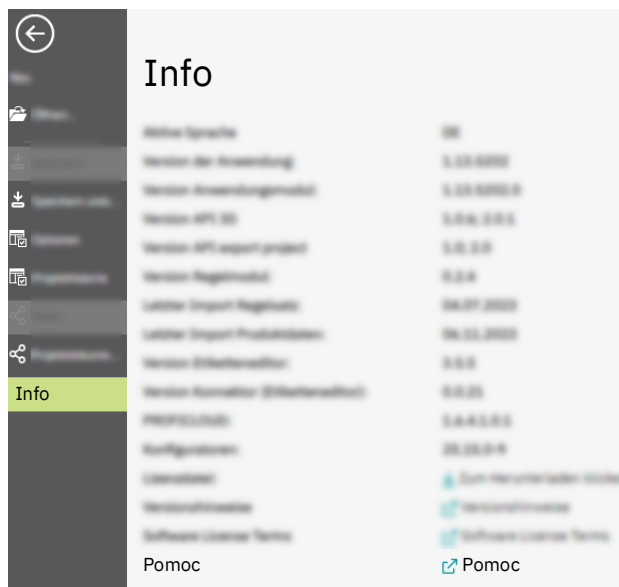
## 2 Nowe funkcje

### 2.1 Zintegrowana pomoc online

Dostęp do pomocy można uzyskać w obszarze „Info”. Pomoc online opisuje najważniejsze funkcje i sposób korzystania z nich.

Nowy użytkownik w pomocy online znajdzie przegląd funkcji oprogramowania clipx ENGINEER.

Ilustr. 1 Pomoc online

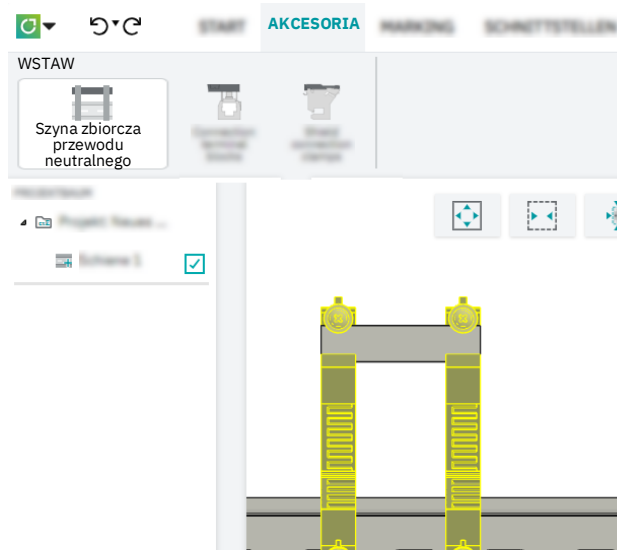


### 2.2 Szyna zbiorcza przewodu neutralnego

Na szynie DIN można umieścić szynę zbiorczą przewodu neutralnego.

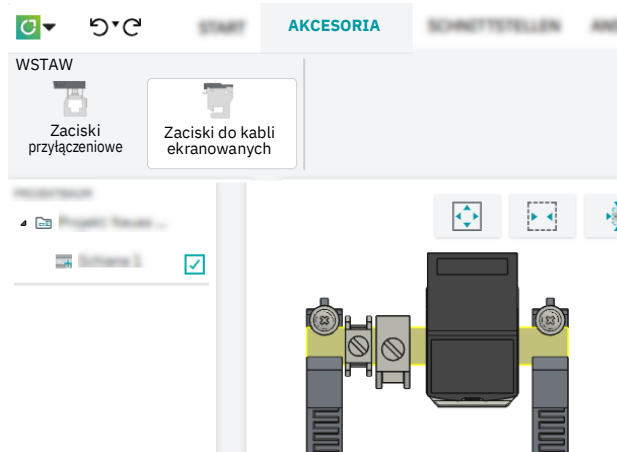
- W tym celu należy umieścić dwa uchwyty wspornika (np. AB-SKS 60) na szynie DIN.
- Jeśli wybrano oba uchwyty wspornika, szynę zbiorczą przewodu neutralnego można umieścić za pomocą ikony „Szyna zbiorcza N” w zakładce „Akcesoria”.

Ilustr. 2 Szyna zbiorcza przewodu neutralnego



- Jeśli umieszczono i wybrano szynę zbiorczą przewodu neutralnego, można umieścić kolejne zaciski przyłączeniowe na tej szynie.

Ilustr. 3 Szyna zbiorcza przewodu neutralnego



## 2.3 Ekran 3D w obszarze roboczym

Oprogramowanie clipx ENGINEER oferuje różne **opcje widoku** do projektowania listew ze złączkami w przestrzeni trójwymiarowej. Z widoków można korzystać bezpośrednio na ekranie 3D w obszarze roboczym za pomocą odpowiednich ikon.

Ilustr. 4 Opcje widoków



-  Wyświetla konfigurację w widoku z przodu. Współczynnik zoomu nie ulega zmianie.
-  Zoom widoku 3D skupia się na wybranym elemencie. Aktualny widok nie zostanie zmieniony.
-  Aktualny widok jest maksymalizowany na podstawie wybranego elementu. Obrót nie ulega zmianie.
-  Aktualny widok jest dostosowywany na podstawie wszystkich elementów projektu. Obrót nie ulega zmianie.

Większość czynności w aplikacji clipx ENGINEER można przeprowadzić przy użyciu myszy. W tym celu są dostępne dwa różne tryby.

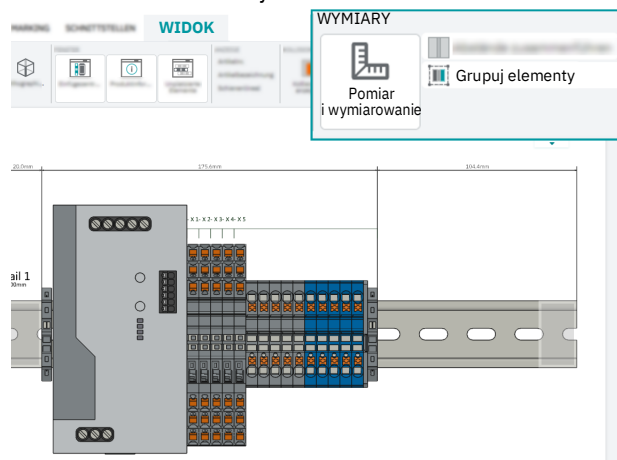
-  W **trybie wyboru** obrót kamery jest zasadniczo dezaktywowany. W trybie wyboru można obracać kamerę, naciskając jednocześnie przycisk <Shift> i lewy przycisk myszy.
-  W **trybie obracania** można oglądać wyposażoną listwę ze złączkami lub płytę montażową z różnych perspektyw.

Więcej informacji można znaleźć w zintegrowanej pomocy online (patrz 2.1).

## 2.4 Wymiarowanie – grupowanie elementów

Funkcję „Pomiar i wymiarowanie” dodano dodatkowe ustawienie. Jeśli jest tam aktywowane ustawienie „Grupuj elementy”, odległości między bezpośrednio sąsiadującymi elementami na szynie DIN są sumowane i nie są wyszczególnione pojedynczo.

Ilustr. 5 Pomiar i wymiarowanie



## 2.5 Akcesoria do wtyków

Do wtyków są dostępne dodatkowe akcesoria. Akcesoria można umieszczać na wtykach przy użyciu zakładki „Akcesoria”.



### Ostona kabla

Ostona kabla do redukcji naprężeń przewodów przyłączeniowych



### Zatrask

Zatrask blokuje się od zewnętrznej strony obudowy wtyku i przy zatrzaskowym mocowaniu chwytka obudowę złączki



### Uchwyt kablowy odciążający

Przewody można mocować opaskami kablowymi firmy Phoenix Contact



### Złącza zaciskowe ekranu

Ekranowanie kabla przyłączeniowego podłącza się za pomocą złącza zaciskowe ekranu i styka się bezpośrednio ze złączką szynową po podłączeniu

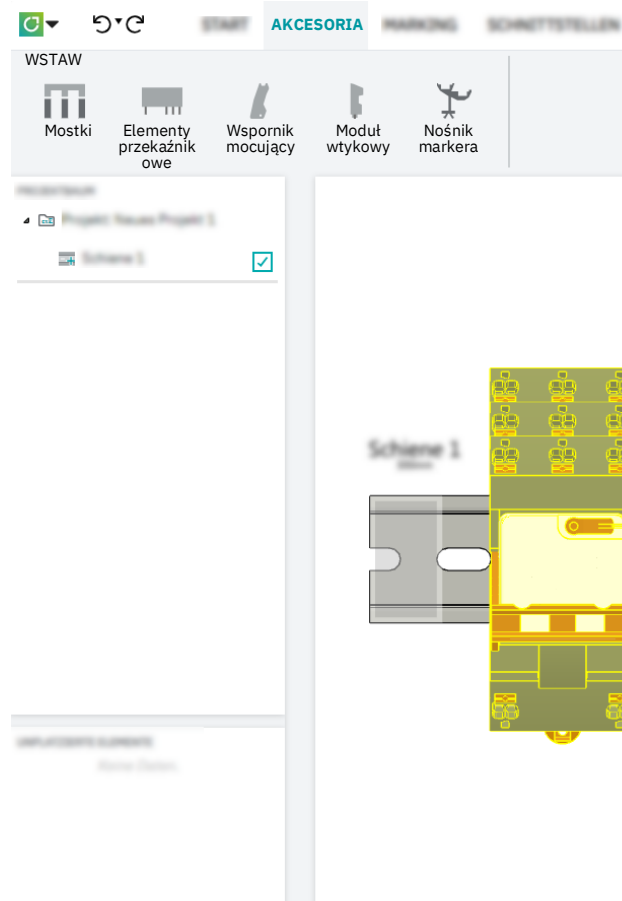
Aby wyświetlić akcesoria, należy najpierw wybrać wtyk.

## 2.6 Przekąźniki

Przekąźniki to sterowane elektrycznie przełączniki, które realizuje wiele różnych funkcji w automatyzacji. Oprogramowanie clipx ENGINEER obsługuje montaż indywidualnych modułów przekąźnikowych z pojedynczych części.

W przypadku umieszczenia gniazda przekąźnikowego na szynie DIN będą dostępne dodatkowe akcesoria.

Ilustr. 6 Przekąźniki



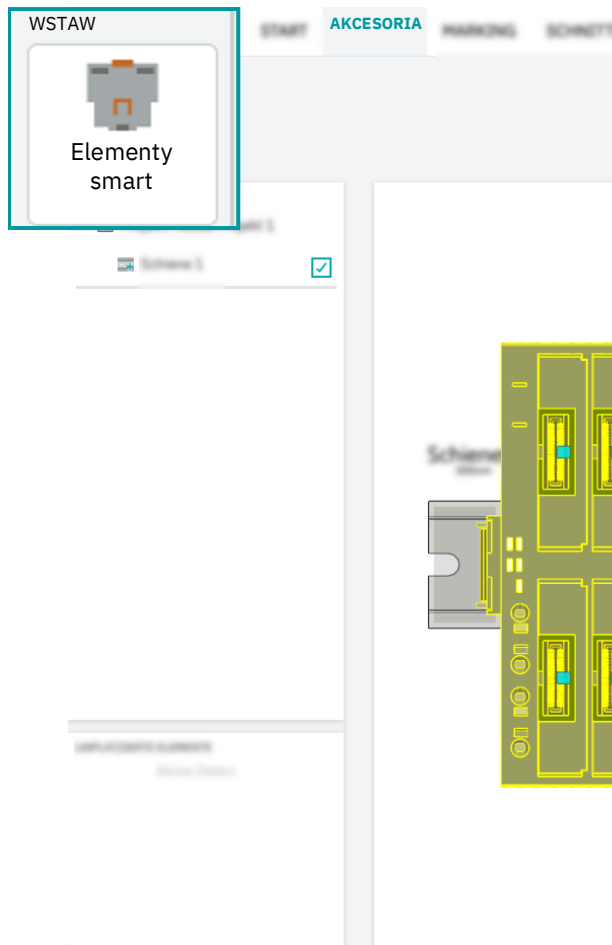
## 2.7 Axioline Smart Elements

Oferta modułów wyjść cyfrowych Axioline Smart Element firmy Phoenix Contact jest dostępna w oprogramowaniu clipx ENGINEER.

Po umieszczeniu i wybraniu wspornika modułu Axioline z centrum wstawiania w obszarze roboczym, w zakładce „Akcesoria” pojawi się ikona „Elementy smart”.

Przy użyciu tej ikony można umieszczać kompatybilne elementy smart na wsporniku modułu.

Ilustr. 7 Axioline Smart Elements



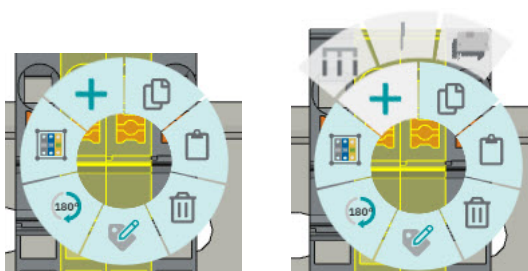
## 2.8 Nowe menu kontekstowe

Od wersji 2.0.13 menu kołowe składa się z dwóch kół. W pierwszym kole wyświetlają się tylko symbole funkcji głównych. Drugie koło zawiera ikony służące do umieszczania akcesoriów.

Otwórz menu kołowe, klikając prawym przyciskiem myszy. W zależności od położenia myszy w menu kołowym wyświetlają się odpowiednie symbole. Po otwarciu menu kołowego początkowo wyświetla się tylko pierwsze koło.

Po wskazaniu symbolu grupy wskaźnikiem myszy odpowiednie symbole otworzą się w drugim okręgu.

Ilustr. 8 Menu kołowe



## 2.9 Obracanie koryt grzebieniowych

Możesz zdecydować, gdzie powinno być umieszczone koryto grzebieniowe zamontowane na płycie montażowej. W ten sposób uniknie się kolizji.

Po obróceniu koryta grzebieniowego koryto to znajduje się na wysokości kursora myszy.

## Kontakt z naszym zespołem

Czy masz pytania dotyczące oprogramowania clipx ENGINEER? Skontaktuj się z osobą do kontaktu w firmie Phoenix Contact. Lokalnego partnera znajdziesz na stronie [phoenixcontact.com](http://phoenixcontact.com).

### 3 Nowe artykuły w bazie danych artykułów

W oprogramowaniu clipx ENGINEER uzyskasz dostęp do obszernej bazy artykułów Phoenix Contact z artykułami związanymi z rozwiązaniami do szaf sterowniczych.

Poniższa tabela zawiera listę nowych artykułów zawartych w wersji 2.0.13 w porównaniu do wersji 2.0.12.

| Numer artykułu | Nazwa artykułu        |
|----------------|-----------------------|
| 0201061        | D-SSK 0525 KER        |
| 0202060        | D-SSK 110 KER         |
| 0203069        | D-SSK 116 KER         |
| 0205067        | D-SSK 135 KER         |
| 0302216        | TS-RKN                |
| 0304214        | TS-GSK                |
| 0305226        | STSL-GSK              |
| 0308029        | D-URTK/S-BEN          |
| 0310020        | D-URTK                |
| 0310211        | TS-RTK                |
| 0321213        | TS-URTK/SS            |
| 0401023        | EK 135                |
| 0402006        | NLS-CU 3/10 SN 2000MM |
| 0402174        | NLS-CU 3/10 SN 1000MM |
| 0404017        | AK 4                  |
| 0404033        | AK 16                 |
| 0404046        | AK 35                 |
| 0421016        | AKG 4 BU              |
| 0421029        | AKG 4 GNYE            |
| 0421032        | AKG 4 BK              |
| 0421045        | AKG 4 GNYE-EX         |
| 0421058        | AKG 4 BK-EX           |
| 0421061        | AKG 4 BU-EX           |
| 0423014        | AKG 16 BU             |
| 0423027        | AKG 16 GNYE           |
| 0423030        | AKG 16 BK             |
| 0423043        | AKG 16 GY             |
| 0424013        | AKG 35 BU             |
| 0424026        | AKG 35 GNYE           |
| 0424039        | AKG 35 BK             |
| 0561015        | D-MXK 4               |
| 0701105        | TS-URK-ND             |
| 0701121        | D-URK-ND              |

| Numer artykułu | Nazwa artykułu            |
|----------------|---------------------------|
| 0711580        | UKK 5-HESILED 60 (5X20)   |
| 0711616        | UKK 5-HESILA 250 (6,3X32) |
| 0711629        | UKK 5-HESILA 250 (5X20)   |
| 0711632        | UKK 5-HESILED 24 (6,3X32) |
| 0800020        | EML (32X25)R YE           |
| 0800967        | STP 5-2                   |
| 0800970        | STP 5-2/S                 |
| 0803136        | EML (36X25)R              |
| 0809492        | ESL 62X10                 |
| 0809502        | ESL 62X46                 |
| 0810562        | STP 5-3                   |
| 0810575        | STP 4-2                   |
| 0810588        | GBS 5-25X12               |
| 0811970        | KLM 4                     |
| 0815677        | EML (15X9)R               |
| 0816032        | EML (15X9)R SR            |
| 0816045        | EML (15X9)R YE            |
| 0816663        | EML (10X7)R               |
| 0816676        | EML (10X7)R YE            |
| 0816731        | EML (16X7)R YE            |
| 0816786        | EML (20X8)R               |
| 0816883        | EML (26,5X17,5)R SR       |
| 0816896        | EML (26,5X17,5)R YE       |
| 0816922        | EML (30X20)R              |
| 0816935        | EML (30X20)R YE           |
| 0816977        | EML (40X25)R YE           |
| 0817002        | EML (51X25)R SR           |
| 0817028        | EML (51X25)R              |
| 0817031        | EML (51X25)R YE           |
| 0817086        | EML (70X50)R SR           |
| 0817099        | EML (70X50)R              |
| 0818001        | EML (16X7)R               |
| 0818027        | EML (40X25)R              |
| 0818069        | UC-TM 10                  |
| 0818072        | UC-TM 8                   |
| 0818108        | UC-TM 5                   |
| 0818111        | UC-TM 4                   |

| Numer artykułu | Nazwa artykułu            |
|----------------|---------------------------|
| 0818124        | UC-TMF 10                 |
| 0818137        | UC-TMF 8                  |
| 0818153        | UC-TMF 5                  |
| 0818166        | UC-TMF 4                  |
| 0819217        | UC-TM 16                  |
| 0819233        | UC-TMF 12                 |
| 0819262        | UC-TMF 16                 |
| 0830131        | STP 3,5-2                 |
| 0830132        | STP 3,5-3                 |
| 0830290        | GBS 3,5-25X3,5            |
| 0830292        | GBS 3,5-25X12             |
| 0851026        | D-TP-VBS                  |
| 0916603        | UT 6-TMC M 0,5A           |
| 0916604        | UT 6-TMC M 1A             |
| 0916605        | UT 6-TMC M 2A             |
| 0916606        | UT 6-TMC M 4A             |
| 0916607        | UT 6-TMC M 5A             |
| 0916608        | UT 6-TMC M 6A             |
| 0916609        | UT 6-TMC M 8A             |
| 0916610        | UT 6-TMC M 10A            |
| 0916611        | UT 6-TMC M 12A            |
| 0916612        | UT 6-TMC M 15A            |
| 0920083        | USIG                      |
| 1012248        | MACX MCR-EX-TS-I-OLP-C    |
| 1012698        | REL-MR-110DC/21-21/MS     |
| 1012737        | REL-MR-110DC/21HC/MS      |
| 1013727        | REL-MR-110DC/21-21AU/MS   |
| 1015503        | PSR-MC31-2SDO-1DO-24DC-SP |
| 1015520        | PSR-MC31-2SDO-1DO-24DC-SC |
| 1017062        | PSR-PC52-1NO-1NC-24DC-SC  |
| 1019420        | SCC 5                     |
| 1019421        | SCC 10                    |
| 1019422        | SCC 15                    |
| 1019423        | SCC 20                    |
| 1020882        | GW PN/ASCII 2E/4DB9       |
| 1021056        | GW PN/ASCII 2E/2DB9       |
| 1021058        | GW PN/ASCII 1E/2DB9       |
| 1021080        | GW PN/ASCII 1E/1DB9       |
| 1035430        | AXL F RTD4 XC 1H          |

| Numer artykułu | Nazwa artykułu                |
|----------------|-------------------------------|
| 1047028        | RIF-2-BPT/4X21/EX             |
| 1047031        | RIF-2-BSC/4X21/EX             |
| 1049773        | PTRV 8 BU/VDE 0815            |
| 1061721        | PTRV 8 /WH                    |
| 1061722        | PTRV 8 /BK                    |
| 1062380        | GW EIP/MODBUS 2E/2DB9         |
| 1062388        | GW EIP/MODBUS 2E/4DB9         |
| 1062423        | GW EIP/MODBUS 1E/2DB9         |
| 1062540        | GW EIP/MODBUS 1E/1DB9         |
| 1067276        | DP-HV M12/1 NFF               |
| 1067325        | QUINT4-INV/24DC/1AC/600VA/USB |
| 1067596        | PTRVB 8-FI /BN                |
| 1068028        | EO-CF/UT/LED/YE               |
| 1068030        | EO-CF/UT/LED/F/YE             |
| 1068038        | EO-CF/UT/YE                   |
| 1068067        | EO-CF/PT/YE                   |
| 1068075        | EO-CF/PT/LED/YE               |
| 1068076        | EO-E/UT/SH/LED/YE             |
| 1068179        | PT 6-T P/P HV OG              |
| 1070018        | PTRVB 4-PE                    |
| 1071713        | LP 2,5/ 2                     |
| 1071714        | LP 2,5/ 3                     |
| 1071715        | LP 2,5/ 4                     |
| 1071716        | LP 2,5/ 5                     |
| 1071717        | LP 2,5/ 6                     |
| 1071718        | LP 2,5/ 7                     |
| 1071719        | LP 2,5/ 8                     |
| 1071720        | LP 2,5/ 9                     |
| 1071721        | LP 2,5/10                     |
| 1071722        | LP 2,5/11                     |
| 1071723        | LP 2,5/12                     |
| 1071724        | LP 2,5/13                     |
| 1071725        | LP 2,5/14                     |
| 1071726        | LP 2,5/15                     |
| 1073553        | MPT 2,5-NS 35                 |
| 1073554        | MPT 2,5-NS 35 BU              |
| 1073555        | MPT 2,5-NS 35-PE              |
| 1073602        | MPT 2,5-NS 15                 |
| 1073605        | MPT 2,5-NS 15 BU              |

| Numer artykułu | Nazwa artykułu              |
|----------------|-----------------------------|
| 1073761        | MPT 2,5-NS 15-PE            |
| 1075386        | D-MPT 2,5-L                 |
| 1076188        | TRIO-PS-2G/3AC/72DC/14      |
| 1076858        | QUINT4-CAP/24DC/20/16KJ/EC  |
| 1076860        | QUINT4-CAP/24DC/20/16KJ/PN  |
| 1076861        | QUINT4-CAP/24DC/20/16KJ/EIP |
| 1079167        | UT 4-TWIN BK                |
| 1079168        | UT 4-TWIN WH                |
| 1079231        | AXL SE PSD04/2 2A           |
| 1079241        | AXL SE PSDI8/3              |
| 1080103        | PT 4-TWIN GN                |
| 1080104        | PT 4-TWIN OG                |
| 1080116        | D-PT 4-TWIN OG              |
| 1082029        | PSR-MC45-3NO-1DO-24DC-SP    |
| 1082548        | STEP-UPS/12DC/12DC/4/46WH   |
| 1082647        | D-USST 6-T/SB HV            |
| 1085115        | FL SWITCH 1116T             |
| 1085162        | FL SWITCH 1108NT            |
| 1085163        | FL SWITCH 1105NT            |
| 1085164        | FL SWITCH 1005NT-2SFX       |
| 1085165        | FL SWITCH 1008NT            |
| 1085169        | FL SWITCH 1004NT-SFX        |
| 1085170        | FL SWITCH 1005NT            |
| 1085219        | FL SWITCH 1116N             |
| 1088062        | AXL SE AI4 I 4-20           |
| 1088104        | AXL SE AI4 U 0-10           |
| 1088106        | AXL SE RTD4 PT100           |
| 1088123        | AXL SE AO4 I 4-20           |
| 1088126        | AXL SE AO4 U 0-10           |
| 1088127        | AXL SE DI16/1               |
| 1088128        | AXL SE RS485                |
| 1088129        | AXL SE DO16/1               |
| 1088130        | AXL SE INC1 SYM             |
| 1088131        | AXL SE CNT1                 |
| 1088132        | AXL SE IOL4                 |
| 1088134        | AXL SE SC-A                 |
| 1088135        | AXL F BP SE4                |
| 1088136        | AXL F BP SE6                |
| 1091657        | AXC F XT PB                 |

| Numer artykułu | Nazwa artykułu                 |
|----------------|--------------------------------|
| 1095627        | FL SWITCH 2208C                |
| 1098640        | UTME 6 BN                      |
| 1098652        | UTME 4 WH                      |
| 1099904        | UT 2,5-MTD RD                  |
| 1102079        | FL SWITCH 1000-8POE-GT         |
| 1103721        | FBS 2-10 GY                    |
| 1105559        | AXL SE DI16/1 NPN              |
| 1105560        | AXL SE DO16/1 NPN              |
| 1105562        | AXL SE DOR2 W 230              |
| 1106547        | PTFIX CUS                      |
| 1106768        | UT 4-MTL-P/P KNIFE-BU          |
| 1107096        | PT 2,5-TGBD                    |
| 1130682        | BL2 BPC 1501S                  |
| 1132637        | UT 2,5-MT YE                   |
| 1132641        | UT 2,5-MT RD                   |
| 1141346        | AB-UTI 6/3 GY                  |
| 1143432        | UT 16 BN                       |
| 1146197        | UT 6 BN                        |
| 1147130        | EO-AB/UT/LED/16/250            |
| 1148699        | RIF-RPT-LDP-24DC/2X2/2X1/AU/FG |
| 1148703        | RIF-RPT-LDP-24DC/1X2/3X1/AU/FG |
| 1156663        | PT 4-QUATTRO/3CP-PE            |
| 1157806        | TRIO-PS-2G/230AC-400DC/48DC/5  |
| 1157854        | MINI MCR-EX-NAM-2T-PT          |
| 1157857        | MINI MCR-EX-NAM-RO-PT          |
| 1157862        | MINI MCR-EX-NAM-RO             |
| 1157867        | MINI MCR-EX-SD-20-25-LP        |
| 1157868        | MINI MCR-EX-SD-20-25-LP-PT     |
| 1157869        | MINI MCR-EX-SD-16-50-LP        |
| 1157870        | MINI MCR-EX-SD-16-50-LP-PT     |
| 1158056        | REL-SR- 24DC/2X1AU/2X2AU/FG    |
| 1159037        | TRIO3-PS/1AC/24DC/5            |
| 1159042        | TRIO3-PS/3AC/24DC/10           |
| 1159045        | TRIO3-PS/3AC/24DC/40           |
| 1162613        | PTRV 4 /SENSOR 4POL            |
| 1164789        | D-PTVME 6/S                    |
| 1167159        | AXL SE SC                      |
| 1175877        | MINI MCR-EX-SD-21-48-LFD       |
| 1175884        | MINI MCR-EX-SD-21-48-LFD-PT    |

| Numer artykułu | Nazwa artykułu              |
|----------------|-----------------------------|
| 1175891        | MINI MCR-EX-SD-20-25-LFD    |
| 1175897        | MINI MCR-EX-SD-20-25-LFD-PT |
| 1175902        | MINI MCR-EX-SD-16-50-LFD    |
| 1175904        | MINI MCR-EX-SD-16-50-LFD-PT |
| 1176299        | PT 2,5 BN                   |
| 1176302        | PT 2,5-QUATTRO BN           |
| 1176488        | PT 1,5/S BN                 |
| 1176490        | PT 1,5/S-QUATTRO BN         |
| 1179657        | D-PT 2,5-MTB-0,8 OG         |
| 1179676        | UT 16 WH                    |
| 1181787        | AXL SE RS232                |
| 1181790        | AXL SE DO4/2 2A EF          |
| 1182068        | AXL SE UTH4 EF              |
| 1182185        | AXL SE INC1 ASYM            |
| 1182190        | AXL SE RTD4 PT1000          |
| 1182209        | PT 4 BN                     |
| 1190012        | AXL SE SSDI8/3              |
| 1190017        | AXL SE SSDO4/2 2A           |
| 1193381        | TS-PTVME 6/S                |
| 1197483        | QUINT4-PS/1AC/48DC/20/...   |
| 1197484        | QUINT4-PS/3AC/48DC/20/...   |
| 1199819        | D-ST 2,5-TWIN BU            |
| 1201578        | USA 10                      |
| 1202713        | USA 10/4,6                  |
| 1207640        | NS 35/ 7,5 PERF 755MM       |
| 1207653        | NS 35/ 7,5 PERF 955MM       |
| 1207666        | NS 35/ 7,5 PERF 1155MM      |
| 1207679        | NS 35/15 PERF 755MM         |
| 1207682        | NS 35/15 PERF 955MM         |
| 1207695        | NS 35/15 PERF 1155MM        |
| 1230474        | PT 1,5/S WH                 |
| 1230476        | PT 1,5/S-QUATTRO WH         |
| 1232304        | FL SWITCH TSN 2316          |
| 1233140        | PT 2,5 VT                   |
| 1233142        | PT 2,5 PK                   |
| 1249598        | FL SWITCH 1012NT-2SFP       |
| 1252660        | PTRVB 4-PV /GY              |
| 1252696        | TRIO3-PS/1AC/24DC/10/4C/IOL |
| 1252697        | TRIO3-PS/1AC/24DC/20/8C/IOL |

| Numer artykułu | Nazwa artykułu                 |
|----------------|--------------------------------|
| 1263626        | EO-AB/PT/LED/DUO/V/GFI/15      |
| 1263627        | EO-AB/UT/LED/DUO/V/GFI/20      |
| 1263628        | EO-AB/UT/LED/DUO/V/GFI/15      |
| 1272440        | UT 10 BN                       |
| 1275767        | PTI 2,5-L/NB                   |
| 1277111        | MINI MCR-EX-SD-23-38-LP        |
| 1277114        | MINI MCR-EX-SD-23-38-LP-PT     |
| 1277116        | MINI MCR-EX-SD-23-38-LFD       |
| 1277119        | MINI MCR-EX-SD-23-38-LFD-PT    |
| 1277638        | UT 2,5-HESI-EX (5X20)          |
| 1278397        | FL SWITCH 2303-8SP1            |
| 1290013        | CAPAROC                        |
| 1290530        | MACX MCR-EX-AP-2F-2I           |
| 1290533        | MACX MCR-EX-AP-2F-2I-SP        |
| 1290774        | MACX MCR-EX-AP-RPSS-I-IR       |
| 1290776        | MACX MCR-EX-AP-RPSS-I-IR-SP    |
| 1290780        | MACX MCR-EX-AP-2T-2I           |
| 1290815        | UT 4-MT-EX BU                  |
| 1290849        | MACX MCR-EX-AP-2T-2I-SP        |
| 1291176        | MACX MCR-EX-AP-2SD-25-35-LP    |
| 1291186        | MACX MCR-EX-AP-2SD-25-35-LP-SP |
| 1291191        | MACX MCR-EX-AP-RPSS-I-I        |
| 1291193        | MACX MCR-EX-AP-RPSS-I-I-SP     |
| 1291258        | UT 4-MT-P/P-EX BU              |
| 1291259        | UT 4-TG-EX BU                  |
| 1291260        | UT 4-TG-P/P-EX BU              |
| 1291491        | PTV 2,5-TWIN RD                |
| 1291495        | PTV 2,5-TWIN BK                |
| 1291498        | PTV 2,5-TWIN GN                |
| 1291502        | PTV 2,5-TWIN OG                |
| 1291506        | PTV 2,5-QUATTRO RD             |
| 1291510        | PTV 2,5-QUATTRO BK             |
| 1291513        | PTV 2,5-QUATTRO GN             |
| 1291517        | PTV 2,5-QUATTRO OG             |
| 1291847        | PTV 4 RD                       |
| 1291849        | PTV 4 BK                       |
| 1291852        | PTV 4-TWIN BK                  |
| 1291853        | PTV 4-TWIN GN                  |
| 1291854        | PTV 4-TWIN OG                  |

| Numer artykułu | Nazwa artykułu                           |
|----------------|------------------------------------------|
| 1291894        | MACX MCR-EX-AP-RTD-RTD                   |
| 1291897        | PTV 4-QUATTRO RD                         |
| 1291898        | PTV 4-QUATTRO BK                         |
| 1291899        | PTV 4-QUATTRO GN                         |
| 1291900        | PTV 4-QUATTRO OG                         |
| 1291904        | PTV 6 RD                                 |
| 1291906        | PTV 6 BK                                 |
| 1291913        | PTV 6 GN                                 |
| 1291917        | PTV 6-TWIN RD                            |
| 1291918        | PTV 6-TWIN BK                            |
| 1291919        | PTV 6-TWIN GN                            |
| 1291922        | PTV 6-TWIN OG                            |
| 1291927        | PTV 6-QUATTRO RD                         |
| 1291928        | PTV 6-QUATTRO BK                         |
| 1291930        | PTV 6-QUATTRO GN                         |
| 1291931        | PTV 6-QUATTRO OG                         |
| 1291955        | MACX MCR-EX-AP-RTD-RTD-SP                |
| 1291963        | MACX MCR-EX-AP-IDS-2I-2I-LP              |
| 1291983        | MACX MCR-EX-AP-IDS-2I-2I-LP-SP           |
| 1292078        | PTV 4-TWIN RD                            |
| 1292080        | PTV 6 OG                                 |
| 1292331        | MACX MCR-EX-AP-2REL-2DI-LP               |
| 1292332        | MACX MCR-EX-AP-2REL-2DI-LP-SP            |
| 1296372        | AXL SE AO4 I 0-20                        |
| 1296378        | AXL SE AI4 I 0-20                        |
| 1313179        | PT 2,5-QUATTRO-MTB GN                    |
| 1315237        | PT 1,5/S-QUATTRO GN                      |
| 1315240        | PT 1,5/S-QUATTRO PK                      |
| 1315243        | PT 1,5/S-QUATTRO YE                      |
| 1321105        | STEP3-PS/1AC/24DC/3.75/PT/CO             |
| 1329523        | ATP-XTV 6                                |
| 1336343        | PT 2,5-PE/L RD/L BU/L LED 24 RD          |
| 1336344        | PT 2,5-PE/L RD/L BU/L LED 24 GN          |
| 1336352        | PT 2,5-L RD/L BU/L LED 24 RD/L LED 24 GN |
| 1336354        | PT 2,5-L RD/L BU/L LED 24 GN/L LED 24 RD |
| 1336355        | PT 2,5-L RD/L BU/L/L                     |
| 1336369        | PT 2,5-PE/L RD/L BU/TG                   |

| Numer artykułu | Nazwa artykułu           |
|----------------|--------------------------|
| 1336370        | PT 2,5-PE/L RD/L BU/L    |
| 1336374        | PT 2,5-PE/L/N/TG         |
| 1336376        | PT 2,5-PE/L/N/MT         |
| 1336387        | PT 2,5-PE/L/L/TG         |
| 1336388        | PT 2,5-PE/L/L/MT         |
| 1336395        | PT 2,5-L/L/L/TG          |
| 1336406        | PT 2,5-L/L/L/MT          |
| 1336407        | PT 2,5-PE/L/L/L          |
| 1336409        | PT 2,5-4PV BU            |
| 1336411        | PT 2,5-4PV               |
| 1336413        | PT 2,5-4PE               |
| 1337223        | AXL SE PD16 24V          |
| 1337224        | AXL SE PD16 GND          |
| 1337225        | AXL SE PD8/8 24V/GND     |
| 1343023        | FL SWITCH 1104NT-SFP     |
| 1343025        | FL SWITCH 1105NT-2SFP    |
| 1343027        | FL SWITCH 1024T          |
| 1343149        | DS-XT 2,5                |
| 1348765        | UTME 4 BG                |
| 1349534        | PTIO 1,5/S/3-L-R1K8/O-M  |
| 1368023        | PTV 6 BN                 |
| 1368024        | PTV 6-FE                 |
| 1375410        | PT 10-TWIN BK            |
| 1375754        | PTV 6-SG WH              |
| 1376160        | VAL-MB-T2-750DC-2+V-R    |
| 1376162        | VAL-MB-T2-1000DC-2+V-R   |
| 1398831        | ATP-XTV 6-QUATTRO        |
| 1413104        | D-MBK 3/5 BU             |
| 1413227        | ATP-MBK                  |
| 1430594        | MCR-DP                   |
| 1434362        | UT 2,5-HESILED 24 (5X20) |
| 1436267        | PL                       |
| 1436966        | PSL                      |
| 1439265        | PT 1,5/S-QUATTRO-MT RD   |
| 1446149        | P-FU-FSI/C 5X20          |
| 1446168        | PT 2,5-MT/TG             |
| 1447809        | D-XTVMEA 6               |
| 1453875        | D-XTTB 4                 |
| 1475574        | D-PT 2,5-2MT-0,8 OG      |

| Numer artykułu | Nazwa artykułu                 |
|----------------|--------------------------------|
| 1481425        | D-XT 4-MT                      |
| 1838381        | UPCV3K 4-G-7,62                |
| 2002022        | D-HK 4                         |
| 2281018        | FLKM 10                        |
| 2281128        | FLKM-D 9 SUB/S                 |
| 2302887        | FLKM 10/ZFKDS                  |
| 2302984        | FLKM-D 9 SUB/S/ZFKDS           |
| 2304034        | FLKM-D 9 SUB/B/ZFKDS           |
| 2313423        | PSI-REP-DNET CAN               |
| 2313452        | FL COMSERVER UNI 232/422/485   |
| 2313478        | FL COMSERVER BASIC 232/422/485 |
| 2313915        | FL ISOLATOR 1000-RJ/RJ         |
| 2313931        | FL ISOLATOR 100-RJ/RJ          |
| 2313986        | PSI-MOS-DNET/FO 850 T          |
| 2313999        | PSI-MOS-DNET/FO 850 E          |
| 2320018        | MINI-PS- 12- 24DC/ 5-15DC/2    |
| 2320021        | MINI-PS- 12- 24DC/48DC/0.7     |
| 2320034        | QUINT-PS/24DC/24DC/ 5          |
| 2320092        | QUINT-PS/24DC/24DC/10          |
| 2320102        | QUINT-PS/24DC/24DC/20          |
| 2320115        | QUINT-PS/24DC/12DC/ 8          |
| 2320128        | QUINT-PS/24DC/48DC/ 5          |
| 2320131        | QUINT-PS/12DC/24DC/ 5          |
| 2320144        | QUINT-PS/48DC/24DC/ 5          |
| 2320157        | QUINT-DIODE/12-24DC/2X20/1X40  |
| 2320160        | QUINT-DIODE/48DC/2X20/1X40     |
| 2320173        | QUINT-ORING/24DC/2X10/1X20     |
| 2320186        | QUINT-ORING/24DC/2X20/1X40     |
| 2320225        | QUINT-UPS/ 24DC/ 24DC/10       |
| 2320238        | QUINT-UPS/ 24DC/ 24DC/20       |
| 2320241        | QUINT-UPS/ 24DC/ 24DC/40       |
| 2320254        | QUINT-UPS/ 24DC/ 24DC/ 5/1.3AH |
| 2320267        | QUINT-UPS/ 24DC/ 24DC/10/3.4AH |
| 2320270        | QUINT-UPS/ 1AC/ 1AC/500VA      |
| 2320513        | STEP-PS/ 1AC/ 5DC/2            |
| 2320526        | QUINT4-CAP/24DC/3.8/1KJ/PT     |
| 2320539        | QUINT4-CAP/24DC/5/4KJ          |
| 2320571        | QUINT4-CAP/24DC/10/8KJ         |
| 2320827        | QUINT-PS/3AC/48DC/20           |

| Numer artykułu | Nazwa artykułu               |
|----------------|------------------------------|
| 2320898        | QUINT-PS/1AC/24DC/20/CO      |
| 2320908        | QUINT-PS/1AC/24DC/ 5/CO      |
| 2320911        | QUINT-PS/1AC/24DC/10/CO      |
| 2320924        | QUINT-PS/3AC/24DC/20/CO      |
| 2322155        | VIP-2/SC/D15SUB/M/LED        |
| 2322326        | VIP-2/SC/HD15SUB/M           |
| 2322401        | VIP-2/SC/HD15SUB/F           |
| 2692720        | IB IL IFS-MA-PAC             |
| 2700196        | IB IL CAN-MA-PAC             |
| 2700271        | FL SWITCH GHS 4G/12          |
| 2700784        | RFC 460R PN 3TX              |
| 2700989        | AXC 3050                     |
| 2701457        | AXL F BK SAS                 |
| 2701875        | FL MGuard RS2005 TX VPN      |
| 2701927        | IB IL MBUS-PAC               |
| 2702139        | FL MGuard RS2000 TX/TX-B     |
| 2702255        | TC EXTENDER 6004 ETH-2S      |
| 2702409        | TC EXTENDER 2001 ETH-2S      |
| 2702465        | FL MGuard RS4000 TX/TX VPN-M |
| 2702522        | PSR-PC51-1NO-1NC-24DC-SC     |
| 2702758        | GW DEVICE SERVER 1E/1DB9     |
| 2702760        | GW DEVICE SERVER 1E/2DB9     |
| 2702761        | GW DEVICE SERVER 2E/2DB9     |
| 2702763        | GW DEVICE SERVER 2E/4DB9     |
| 2702764        | GW MODBUS TCP/RTU 1E/1DB9    |
| 2702765        | GW MODBUS TCP/RTU 1E/2DB9    |
| 2702766        | GW MODBUS TCP/RTU 2E/2DB9    |
| 2702767        | GW MODBUS TCP/RTU 2E/4DB9    |
| 2702768        | GW MODBUS TCP/ASCII 1E/1DB9  |
| 2702769        | GW MODBUS TCP/ASCII 1E/2DB9  |
| 2702770        | GW MODBUS TCP/ASCII 2E/2DB9  |
| 2702771        | GW MODBUS TCP/ASCII 2E/4DB9  |
| 2702772        | GW EIP/ASCII 1E/1DB9         |
| 2702773        | GW EIP/ASCII 1E/2DB9         |
| 2702774        | GW EIP/ASCII 2E/2DB9         |
| 2702776        | GW EIP/ASCII 2E/4DB9         |
| 2702858        | AXL F PSDOR4/2 1F            |
| 2702859        | AXL F SSDOR4/2 1F            |
| 2702901        | PSR-MC42-2NO-1DO-24DC-SC     |

| Numer artykułu | Nazwa artykułu                |
|----------------|-------------------------------|
| 2702924        | PSR-SCP-42-230UC/URM4/4NO/2NC |
| 2702925        | PSR-SPP-42-230UC/URM4/4NO/2NC |
| 2708371        | PSI-MOS-RS232/FO 850 E        |
| 2744416        | PSM-ME-RS232/RS485-P          |
| 2744429        | PSM-ME-RS485/RS485-P          |
| 2770558        | D-UKK 4                       |
| 2770600        | DP-UKK 3-MSTB-5,08            |
| 2770794        | DP-UKK 3/5                    |
| 2770804        | DP-UKKB 3/ 5                  |
| 2770833        | DP-UKK 3/5 BK                 |
| 2770862        | D-UKK 3-MSTBVH-5,08 L         |
| 2770875        | D-UKK 3-MSTBVH-5,08           |
| 2775113        | D-UDK 4                       |
| 2775197        | D-UDK 4 BU                    |
| 2775249        | UDK 4-DUR 249                 |
| 2777027        | D-UDK-RELG                    |
| 2800004        | UKK 5-MTK-P/P                 |
| 2800618        | LM-S-A/C-3S-ETH               |
| 2800768        | PT-IQ-PTB-UT                  |
| 2801296        | PT-IQ-PTB-PT                  |
| 2801514        | PT-IQ-1X2-EX-24DC-P           |
| 2801593        | DT-TELE-SHDSL                 |
| 2804856        | PT 4X1-48AC-ST                |
| 2810308        | MINI MCR-SL-PT100-LP-NC       |
| 2810780        | MINI MCR-SL-SHUNT-UI-NC       |
| 2813512        | MINI MCR-SL-U-I-0             |
| 2813525        | MINI MCR-SL-U-I-4             |
| 2813538        | MINI MCR-SL-I-U-4             |
| 2813541        | MINI MCR-SL-I-U-0             |
| 2817738        | VAL-MS BE/FM                  |
| 2817741        | VAL-MS BE                     |
| 2833628        | EL3-M52                       |
| 2834821        | REL-MR- 48DC/21HC             |
| 2834834        | REL-MR- 48DC/21-21            |
| 2834847        | REL-MR- 48DC/21-21AU          |
| 2839253        | PT 4-EX(I)-24DC-ST            |
| 2839486        | PT 4-EX(I)-BE                 |

| Numer artykułu | Nazwa artykułu               |
|----------------|------------------------------|
| 2858043        | PT 3-HF-12DC-ST              |
| 2859000        | PT 2-F-ST                    |
| 2862000        | IBS IL 24 BK-T/U-2MBD-PAC    |
| 2864079        | MINI MCR-SL-RPSS-I-I         |
| 2864082        | MINI MCR-SL-UI-F             |
| 2864095        | MINI MCR-SL-R-UI             |
| 2864105        | MINI MCR-SL-NAM-2RNO         |
| 2864134        | MINI MCR-SL-PTB              |
| 2864150        | MINI MCR-SL-UI-UI-NC         |
| 2864176        | MINI MCR-SL-UI-2I-NC         |
| 2864273        | MINI MCR-SL-PT100-UI-NC      |
| 2864370        | MINI MCR-SL-PT100-UI-200-NC  |
| 2864406        | MINI MCR-SL-I-I              |
| 2864419        | MINI MCR-SL-1CP-I-I          |
| 2864422        | MINI MCR-SL-RPS-I-I          |
| 2864480        | MINI MCR-SL-UI-REL           |
| 2864655        | MINI MCR-SL-2CP-I-I          |
| 2864684        | MINI MCR-SL-U-U              |
| 2865007        | MINI MCR-SL-U-UI-NC          |
| 2866268        | TRIO-PS/1AC/24DC/ 2.5        |
| 2866284        | MINI-PS- 12- 24DC/24DC/1     |
| 2866310        | TRIO-PS/1AC/24DC/ 5          |
| 2866323        | TRIO-PS/1AC/24DC/10          |
| 2866378        | QUINT-PS- 24DC/24DC/10       |
| 2866381        | TRIO-PS/1AC/24DC/20          |
| 2866394        | TRIO-PS/3AC/24DC/20          |
| 2866404        | TRIO-PS/3AC/24DC/40          |
| 2866459        | TRIO-PS/3AC/24DC/10          |
| 2866462        | TRIO-PS/3AC/24DC/ 5          |
| 2866475        | TRIO-PS/1AC/12DC/ 5          |
| 2866491        | TRIO-PS/1AC/48DC/ 5          |
| 2866501        | TRIO-PS/1AC/48DC/10          |
| 2866514        | TRIO-DIODE/12-24DC/2X10/1X20 |
| 2866527        | TRIO-DIODE/48DC/2X10/1X20    |
| 2866598        | MINI-DC-UPS/12DC/4           |
| 2866611        | TRIO-UPS/1AC/24DC/ 5         |
| 2866640        | MINI-DC-UPS/24DC/2           |
| 2866679        | QUINT-PS/1AC/48DC/ 5         |
| 2866682        | QUINT-PS/1AC/48DC/10         |

| Numer artykułu | Nazwa artykułu              |
|----------------|-----------------------------|
| 2866695        | QUINT-PS/1AC/48DC/20        |
| 2866705        | QUINT-PS/3AC/24DC/10        |
| 2866718        | QUINT-PS/1AC/12DC/15        |
| 2866721        | QUINT-PS/1AC/12DC/20        |
| 2866734        | QUINT-PS/3AC/24DC/ 5        |
| 2866747        | QUINT-PS/1AC/24DC/ 3.5      |
| 2866750        | QUINT-PS/1AC/24DC/ 5        |
| 2866763        | QUINT-PS/1AC/24DC/10        |
| 2866776        | QUINT-PS/1AC/24DC/20        |
| 2866789        | QUINT-PS/1AC/24DC/40        |
| 2866792        | QUINT-PS/3AC/24DC/20        |
| 2866802        | QUINT-PS/ 3AC/24DC/40       |
| 2868538        | STEP-PS/ 1AC/12DC/1         |
| 2868541        | STEP-PS/ 1AC/ 5DC/6.5       |
| 2868554        | STEP-PS/ 1AC/12DC/1.5/FL    |
| 2868567        | STEP-PS/ 1AC/12DC/1.5       |
| 2868570        | STEP-PS/ 1AC/12DC/3         |
| 2868583        | STEP-PS/ 1AC/12DC/5         |
| 2868596        | STEP-PS/ 1AC/24DC/0.5       |
| 2868619        | STEP-PS/ 1AC/15DC/4         |
| 2868622        | STEP-PS/ 1AC/24DC/0.75/FL   |
| 2868635        | STEP-PS/ 1AC/24DC/0.75      |
| 2868648        | STEP-PS/ 1AC/24DC/1.75      |
| 2868651        | STEP-PS/ 1AC/24DC/2.5       |
| 2868664        | STEP-PS/ 1AC/24DC/4.2       |
| 2868677        | STEP-PS/ 1AC/24DC/3.8/C2LPS |
| 2868680        | STEP-PS/ 1AC/48DC/2         |
| 2868716        | STEP-PS/48AC/24DC/0.5       |
| 2869909        | IB IL EX PWR-ISO-PAC        |
| 2882925        | DT-TELE-RJ45                |
| 2900254        | PLC-BPT- 24DC/21HC          |
| 2900255        | PLC-BPT- 24UC/21HC          |
| 2900258        | PLC-BPT-120UC/21HC          |
| 2900259        | PLC-BPT-230UC/21HC          |
| 2900260        | PLC-BPT- 24DC/ 1IC/ACT      |
| 2900261        | PLC-BPT- 24DC/21RW          |
| 2900262        | PLC-BPT- 24DC/ 1/SEN        |
| 2900280        | PLC-BPT-120UC/21            |
| 2900281        | PLC-BPT-230UC/21            |

| Numer artykułu | Nazwa artykułu                |
|----------------|-------------------------------|
| 2900283        | PLC-BPT- 24DC/21-21           |
| 2900284        | PLC-BPT- 24UC/21-21           |
| 2900287        | PLC-BPT-120UC/21-21           |
| 2900288        | PLC-BPT-230UC/21-21           |
| 2900443        | PLC-BPT- 5DC/21               |
| 2900445        | PLC-BPT- 24DC/21              |
| 2900446        | PLC-BPT- 24UC/21              |
| 2900449        | PLC-BPT- 24DC/ 1/ACT          |
| 2900450        | PLC-BPT- 24UC/ 1/ACT          |
| 2900451        | PLC-BPT-120UC/ 1/SEN          |
| 2900452        | PLC-BPT-230UC/ 1/SEN          |
| 2900453        | PLC-BPT-120UC/21/SO46         |
| 2900455        | PLC-BPT-230UC/21/SO46         |
| 2900457        | PLC-BPT-230UC/ 1/SEN/SO46     |
| 2900458        | PLC-BPT-TTL/1                 |
| 2900509        | PSR-SCP- 24UC/ESAM4/3X1/1X2/B |
| 2900525        | PSR-SCP- 24UC/ESAM4/2X1/1X2   |
| 2900701        | VIP-3/SC/RJ45                 |
| 2900930        | RIF-1-BSC/2X21                |
| 2900931        | RIF-1-BPT/2X21                |
| 2900932        | RIF-2-BSC/4X21                |
| 2900934        | RIF-2-BPT/4X21                |
| 2900936        | RIF-3-BSC/3X21                |
| 2900938        | RIF-3-BPT/3X21                |
| 2900939        | RIF-LDP-12-24 DC              |
| 2900940        | RIF-LDP-48-60 DC              |
| 2900941        | RIF-LDP-110 DC                |
| 2900942        | RIF-LV-12-24 UC               |
| 2900943        | RIF-LV-48-60 UC               |
| 2900944        | RIF-LV-120-230 AC/110 DC      |
| 2900945        | RIF-V-12-24 UC                |
| 2900947        | RIF-V-48-60 UC                |
| 2900948        | RIF-V-120-230 UC              |
| 2900949        | RIF-RC-12-24 UC               |
| 2900950        | RIF-RC-48-60 UC               |
| 2900951        | RIF-RC-120-230 UC             |
| 2900953        | RIF-RH-1                      |
| 2900954        | RIF-RH-2                      |
| 2900955        | RIF-RH-3                      |

| Numer artykułu | Nazwa artykułu                |
|----------------|-------------------------------|
| 2900956        | RIF-RH-4                      |
| 2900957        | RIF-0-BSC/21                  |
| 2900958        | RIF-0-BPT/21                  |
| 2900960        | RIF-4-BSC/3X21                |
| 2900961        | RIF-4-BPT/3X21                |
| 2901428        | PSR-SCP-230UC/ESAM4/3X1/1X2/B |
| 2901429        | PSR-SPP-230UC/ESAM4/3X1/1X2/B |
| 2901430        | PSR-SCP-230AC/ESAM2/3X1/1X2/B |
| 2901431        | PSR-SPP-230AC/ESAM2/3X1/1X2/B |
| 2901674        | SCK-C-MODBUS                  |
| 2901872        | RIF-0-BSC/ 1                  |
| 2901873        | RIF-0-BPT/1                   |
| 2902647        | RIF-T3-24UC                   |
| 2902822        | MINI MCR-SL-CVS-24-5-10-NC    |
| 2902829        | MINI MCR-SL-UI-I-LP-NC        |
| 2902832        | MINI MCR-SL-F-UI-NC           |
| 2902849        | MINI MCR-RTD-UI-NC            |
| 2902851        | MINI MCR-TC-UI-NC             |
| 2902879        | QUINT-ORING/24DC/2X40/1X80    |
| 2902958        | MINI MCR-SL-PTB-FM            |
| 2902961        | MINI MCR-SL-FM-RC-NC          |
| 2902995        | UNO-PS/1AC/48DC/ 60W          |
| 2902996        | UNO-PS/1AC/48DC/100W          |
| 2902997        | UNO-PS/1AC/12DC/100W          |
| 2902998        | UNO-PS/1AC/12DC/ 30W          |
| 2902999        | UNO-PS/1AC/12DC/ 55W          |
| 2903000        | UNO-PS/1AC/15DC/30W           |
| 2903001        | UNO-PS/1AC/15DC/ 55W          |
| 2903002        | UNO-PS/1AC/15DC/100W          |
| 2903144        | TRIO-PS-2G/1AC/24DC/5/B+D     |
| 2903145        | TRIO-PS-2G/1AC/24DC/10/B+D    |
| 2903157        | TRIO-PS-2G/1AC/12DC/5/C2LPS   |
| 2903158        | TRIO-PS-2G/1AC/12DC/10        |
| 2903159        | TRIO-PS-2G/1AC/48DC/5         |
| 2903160        | TRIO-PS-2G/1AC/48DC/10        |
| 2903241        | SCK-M-I-8S-20A                |
| 2903242        | SCK-M-I-4S-20A                |
| 2903583        | PSR-SCP-24DC/URML4/3X1/1X2/B  |
| 2903584        | PSR-SPP-24DC/URML4/3X1/1X2/B  |

| Numer artykułu | Nazwa artykułu            |
|----------------|---------------------------|
| 2903591        | SCK-M-U-1500V             |
| 2903603        | VIP-2/PT/PDM-2/16/FU 6.3A |
| 2903659        | REL-IR2/LDP- 12DC/2X21    |
| 2903660        | REL-IR2/LDP- 24DC/2X21    |
| 2903661        | REL-IR2/LDP- 48DC/2X21    |
| 2903662        | REL-IR2/LDP- 60DC/2X21    |
| 2903663        | REL-IR2/LDP-110DC/2X21    |
| 2903664        | REL-IR2/LDP-125DC/2X21    |
| 2903665        | REL-IR2/LDP-220DC/2X21    |
| 2903666        | REL-IR2/L- 24AC/2X21      |
| 2903667        | REL-IR2/L-120AC/2X21      |
| 2903668        | REL-IR2/L-230AC/2X21      |
| 2903669        | REL-IR4/LDP- 12DC/4X21AU  |
| 2903670        | REL-IR4/LDP- 24DC/4X21AU  |
| 2903671        | REL-IR4/LDP- 48DC/4X21AU  |
| 2903672        | REL-IR4/LDP- 60DC/4X21AU  |
| 2903673        | REL-IR4/LDP-110DC/4X21AU  |
| 2903675        | REL-IR4/LDP-220DC/4X21AU  |
| 2903676        | REL-IR4/LDP- 12DC/4X21    |
| 2903677        | REL-IR4/LDP- 24DC/4X21    |
| 2903678        | REL-IR4/LDP- 48DC/4X21    |
| 2903679        | REL-IR4/LDP- 60DC/4X21    |
| 2903680        | REL-IR4/LDP-110DC/4X21    |
| 2903681        | REL-IR4/LDP-125DC/4X21    |
| 2903682        | REL-IR4/LDP-220DC/4X21    |
| 2903683        | REL-IR4/L- 24AC/4X21AU    |
| 2903684        | REL-IR4/L-120AC/4X21AU    |
| 2903685        | REL-IR4/L-230AC/4X21AU    |
| 2903686        | REL-IR4/L- 24AC/4X21      |
| 2903687        | REL-IR4/L-120AC/4X21      |
| 2903688        | REL-IR4/L-230AC/4X21      |
| 2903693        | REL-OR3/LDP-24DC/3X21     |
| 2903694        | REL-OR3/L- 24AC/3X21      |
| 2903695        | REL-OR3/L-120AC/3X21      |
| 2903696        | REL-OR3/L-230AC/3X21      |
| 2903702        | REL-PR3- 24DC/3X21        |
| 2903703        | REL-PR3- 24AC/3X21        |
| 2903704        | REL-PR3-120AC/3X21        |
| 2903705        | REL-PR3-230AC/3X21        |

| Numer artykułu | Nazwa artykułu                     |
|----------------|------------------------------------|
| 2903706        | REL-PR3- 24DC/3X1                  |
| 2903707        | REL-PR3- 24AC/3X1                  |
| 2903708        | REL-PR3-120AC/3X1                  |
| 2903709        | REL-PR3-230AC/3X1                  |
| 2903717        | VIP-2/SC/PDM-2/48                  |
| 2903777        | VIP-2/PT/D 9SUB/M                  |
| 2903783        | VIP-3/PT/D37SUB/M                  |
| 2904113        | TC-2KS50-DO16-ESD-AR-RS            |
| 2904269        | VIP-3/PT/HD26SUB/M                 |
| 2904271        | VIP-3/PT/HD62SUB/M                 |
| 2904290        | VIP-3/PT/RJ45                      |
| 2904374        | UNO-PS/1AC/ 5DC/ 25W               |
| 2904375        | UNO-PS/1AC/ 5DC/ 40W               |
| 2904468        | RIF-RH-1-H                         |
| 2904475        | REL-MR- 12DC/1IC                   |
| 2904476        | PSR-FTB/1.5/11.5                   |
| 2904477        | PSR-FTB/20/86                      |
| 2904590        | PLC-BPT-125DC/21                   |
| 2904613        | QUINT4-PS/1AC/110DC/4              |
| 2904616        | QUINT4-PS/1AC/24DC/10/+            |
| 2904945        | STEP-PS/277AC/24DC/3.5             |
| 2905007        | QUINT-PS/12DC/12DC/8               |
| 2905008        | QUINT-PS/48DC/48DC/5               |
| 2905009        | QUINT-PS/60-72DC/24DC/10           |
| 2905010        | QUINT-PS/96-110DC/24DC/10          |
| 2905011        | QUINT-PS/60-72DC/24DC/10/CO        |
| 2905012        | QUINT-PS/96-110DC/24DC/10/CO       |
| 2905023        | PT-IQ-EX-L-PP                      |
| 2905024        | PT-IQ-EX-H-PP                      |
| 2905350        | VAL-SEC-T2-2C-175-FM               |
| 2905422        | FLT-SEC-P-T1-350/25-P              |
| 2905473        | FLT-SEC-P-T1-N/PE-350/100-P        |
| 2905577        | MINI MCR-SL-IDS-I-I                |
| 2905652        | VAL-MS-T1/T2 BE/O-FM               |
| 2905908        | TRIO-UPS-2G/1AC/1AC/120V/<br>750VA |
| 2905968        | FLT-SEC-H-T1-264/25-P              |
| 2905983        | RIF-RHM-4                          |
| 2905984        | RIF-RHM-2                          |

| Numer artykułu | Nazwa artykułu                |
|----------------|-------------------------------|
| 2905985        | RIF-RHM-1-H                   |
| 2905986        | RIF-RHM-1                     |
| 2905989        | FLT-SEC-P-T1-440/35-P         |
| 2906002        | PT 5-HF-24DC-ST               |
| 2906213        | REL-MR-24DC/21-21/ATEX        |
| 2906596        | VIP/S/MC/BASE 1-8/L/EX        |
| 2906630        | VIP/S/MC/BASE 9-16/L/EX       |
| 2906988        | REL-MR-12DC/21-21/C1D2        |
| 2907024        | VIP/S/MC/BASE 17-24/L/EX      |
| 2907025        | VIP/S/MC/BASE 25-32/L/EX      |
| 2907037        | VAL-MS BE/2+0/1U/FM           |
| 2907051        | REL-IR2/24DC/2X21             |
| 2907054        | REL-IR4/24DC/4X21             |
| 2907057        | RIF-LDM-12-24 DC              |
| 2907060        | RIF-BR-12-230 AC              |
| 2907186        | VIP/S/MC/BASE 1-8/L/C/EX      |
| 2907187        | VIP/S/MC/BASE 9-16/L/C/EX     |
| 2907209        | VIP/S/MC/BASE 17-24/L/C/EX    |
| 2907210        | VIP/S/MC/BASE 25-32/L/C/EX    |
| 2907391        | FLT-SEC-P-T1-264/50-P         |
| 2907468        | RIF-O-BPT-M/ 21               |
| 2908040        | REL-PR1-24DC/1/MB             |
| 2908043        | RIF-RHS-2                     |
| 2908044        | REL-PR1-110DC/1/MB            |
| 2908046        | REL-PR1-220DC/1/MB            |
| 2908047        | REL-PR1-230AC/1/MB            |
| 2908180        | REL-MR-BL-24DC/21HC/MS        |
| 2908181        | REL-MR-BL-24DC/21-21/MS       |
| 2908613        | REL-PR1- 48DC/1/MB            |
| 2908652        | VAL-MS BE/FM/120              |
| 2908725        | VAL-MS 4+V/BE/FM              |
| 2908777        | REL-SR- 24DC/2X21/FG          |
| 2908788        | VIP/MSTB/D50M/BASE/16CH/CX/EX |
| 2908807        | MINI MCR-EX-NAM-T             |
| 2908808        | MINI MCR-EX-NAM-T-PT          |
| 2908810        | MINI MCR-EX-SD-21-48-LP       |
| 2908811        | MINI MCR-EX-SD-21-48-LP-PT    |
| 2908821        | REL-MR-12DC/21HC/EX           |
| 2908822        | REL-MR-24DC/21HC/EX           |

| Numer artykułu | Nazwa artykułu         |
|----------------|------------------------|
| 2908823        | REL-MR-110DC/21HC/EX   |
| 2908824        | REL-MR-110DC/21-21/EX  |
| 2909641        | REL-MR- 12DC/21/MS     |
| 2909642        | REL-MR- 24DC/21/MS     |
| 2909643        | REL-MR- 60DC/21/MS     |
| 2909644        | REL-MR- 12DC/21AU/MS   |
| 2909645        | REL-MR- 24DC/21AU/MS   |
| 2909647        | REL-MR- 60DC/21AU/MS   |
| 2909738        | REL-IR4/24DC/4X21/EX   |
| 2909742        | REL-IR4/230AC/4X21/EX  |
| 2909744        | REL-IR4/120AC/4X21/EX  |
| 2910378        | VAL-US-277/80/1+1V-FM  |
| 2910379        | VAL-US-277/80/3+1V-FM  |
| 2910380        | VAL-US-277/80/4+0-FM   |
| 2920036        | PT 2X1-BE/FM           |
| 2920049        | PT 2X1+F-BE/FM         |
| 2920065        | PT 1X2-12DC/FM-ST      |
| 2920078        | PT 1X2-24DC/FM-ST      |
| 2920094        | PT 1X2-24AC/FM-ST      |
| 2940207        | DEK-OE- 24DC/ 48DC/100 |
| 2940210        | DEK-OE-230AC/ 48DC/100 |
| 2940223        | DEK-OE- 5DC/ 48DC/100  |
| 2941170        | DEK-REL- 5/O/1         |
| 2941183        | DEK-REL- 5/I/1         |
| 2941361        | DEK-OV- 5DC/ 24DC/ 3   |
| 2941374        | DEK-OV- 24DC/ 24DC/ 3  |
| 2941387        | DEK-OV- 12DC/ 24DC/ 3  |
| 2941659        | DEK-OE-120AC/ 48DC/100 |
| 2961105        | REL-MR- 24DC/21        |
| 2961118        | REL-MR- 60DC/21        |
| 2961121        | REL-MR- 24DC/21AU      |
| 2961134        | REL-MR- 60DC/21AU      |
| 2961150        | REL-MR- 12DC/21        |
| 2961163        | REL-MR- 12DC/21AU      |
| 2961192        | REL-MR- 24DC/21-21     |
| 2961202        | REL-MR-110DC/21-21     |
| 2961215        | REL-MR- 24DC/21-21AU   |
| 2961228        | REL-MR-110DC/21-21AU   |
| 2961231        | REL-MR- 48DC/21        |

| Numer artykułu | Nazwa artykułu               |
|----------------|------------------------------|
| 2961244        | REL-MR- 48DC/21AU            |
| 2961257        | REL-MR- 12DC/21-21           |
| 2961273        | REL-MR- 60DC/21-21           |
| 2961286        | REL-MR- 60DC/21-21AU         |
| 2961299        | REL-MR- 12DC/21-21AU         |
| 2961309        | REL-MR- 12DC/21HC            |
| 2961312        | REL-MR- 24DC/21HC            |
| 2961325        | REL-MR- 60DC/21HC            |
| 2961338        | REL-MR-110DC/21HC            |
| 2961341        | REL-MR- 24DC/1IC             |
| 2961367        | REL-MR- 4,5DC/21             |
| 2961370        | REL-MR- 4,5DC/21AU           |
| 2961383        | REL-MR- 18DC/21              |
| 2961406        | REL-MR- 24AC/21HC            |
| 2961419        | REL-MR-120AC/21HC            |
| 2961422        | REL-MR-230AC/21HC            |
| 2961435        | REL-MR- 24AC/21-21           |
| 2961448        | REL-MR-120AC/21-21           |
| 2961451        | REL-MR-230AC/21-21           |
| 2961464        | REL-MR- 24AC/21-21AU         |
| 2961477        | REL-MR-120AC/21-21AU         |
| 2961480        | REL-MR-230AC/21-21AU         |
| 2961493        | REL-MR- 18DC/21AU            |
| 2961503        | REL-MR- 24AC/21HC AU         |
| 2961516        | REL-MR-120AC/21HC AU         |
| 2961529        | REL-MR-230AC/21HC AU         |
| 2961532        | REL-MR- 12DC/21HC AU         |
| 2961545        | REL-MR- 24DC/21HC AU         |
| 2961561        | REL-MR-110DC/21HC AU         |
| 2961749        | DEK-OV- 12DC/ 24DC/ 10       |
| 2961752        | DEK-OV- 5DC/ 24DC/ 10        |
| 2963705        | PSR-SPP- 24UC/ESM4/2X1/1X2   |
| 2963718        | PSR-SCP- 24UC/ESM4/2X1/1X2   |
| 2963721        | PSR-SCP- 24UC/THC4/2X1/1X2   |
| 2963734        | PSR-SCP- 24UC/URM4/5X1/2X2   |
| 2963747        | PSR-SCP- 24UC/URM/5X1/2X2    |
| 2963776        | PSR-SCP- 24UC/ESM4/3X1/1X2/B |
| 2963802        | PSR-SCP- 24UC/ESA2/4X1/1X2/B |
| 2963912        | PSR-SCP- 24UC/ESAM4/8X1/1X2  |

| Numer artykułu | Nazwa artykułu               |
|----------------|------------------------------|
| 2963925        | PSR-SPP- 24UC/ESM4/3X1/1X2/B |
| 2963938        | PSR-SPP- 24UC/ESA4/2X1/1X2   |
| 2963941        | PSR-SPP- 24UC/ESA4/3X1/1X2/B |
| 2963954        | PSR-SPP- 24UC/ESA2/4X1/1X2/B |
| 2963970        | PSR-SPP- 24UC/URM/5X1/2X2    |
| 2963983        | PSR-SPP- 24UC/THC4/2X1/1X2   |
| 2963996        | PSR-SPP-24UC/ESAM4/8X1/1X2   |
| 2964254        | DEK-OE- 24DC/ 48DC/100/T     |
| 2964270        | DEK-OE- 5DC/ 24DC/100KHZ     |
| 2964283        | DEK-OE- 24DC/ 24DC/100KHZ    |
| 2964296        | DEK-OV- 24DC/ 24DC/ 3/AKT    |
| 2964322        | DEK-OV- 24DC/ 24DC/ 10       |
| 2964348        | DEK-OE- 24DC/ 24DC/100KHZ-G  |
| 2964364        | DEK-OE- 24DC/ 5DC/100KHZ-G   |
| 2964487        | DEK-OE- 12DC/ 48DC/100       |
| 2964542        | DEK-OE- 5DC/ 5DC/100KHZ-G    |
| 2964555        | DEK-OE- 5DC/ 24DC/100KHZ-G   |
| 2964623        | DEK-OV- 5DC/240AC/800        |
| 2964636        | DEK-OV- 12DC/240AC/800       |
| 2964649        | DEK-OV- 24DC/240AC/800       |
| 2964678        | DEK-OE-230AC/ 48DC/100/SO 46 |
| 2966016        | PLC-BSC- 24DC/21             |
| 2966029        | PLC-BSC- 24UC/21             |
| 2966032        | PLC-BSC-120UC/21             |
| 2966045        | PLC-BSC-230UC/21             |
| 2966058        | PLC-BSC- 24DC/ 1/ACT         |
| 2966061        | PLC-BSC- 24DC/ 1/SEN         |
| 2966074        | PLC-BSC-120UC/ 1/SEN         |
| 2966087        | PLC-BSC-230UC/ 1/SEN         |
| 2966595        | OPT-24DC/ 24DC/ 2            |
| 2966605        | OPT-60DC/ 24DC/ 2            |
| 2966618        | OPT-24DC/ 48DC/100           |
| 2966621        | OPT-60DC/ 48DC/100           |
| 2967015        | PLC-BSC- 24DC/21-21          |
| 2967028        | PLC-BSC- 24UC/21-21          |
| 2967031        | PLC-BSC-120UC/21-21          |
| 2967044        | PLC-BSC-230UC/21-21          |
| 2967057        | PLC-BSC- 24DC/ 1- 1/ACT      |
| 2967772        | PLC-BSC- 24DC/21HC           |

| Numer artykułu | Nazwa artykułu                 |
|----------------|--------------------------------|
| 2967785        | PLC-BSC- 24UC/21HC             |
| 2967811        | PLC-BSC-120UC/21HC             |
| 2967824        | PLC-BSC-230UC/21HC             |
| 2967837        | PLC-BSC- 24DC/ 1IC/ACT         |
| 2967950        | OPT-24DC/230AC/ 1              |
| 2967963        | OPT-60DC/230AC/ 1              |
| 2967989        | OPT- 5DC/ 24DC/ 2              |
| 2967992        | OPT- 5DC/ 48DC/100             |
| 2980225        | PLC-BSC- 5DC/21                |
| 2980319        | PLC-BSC-120UC/21/SO46          |
| 2980322        | PLC-BSC-120UC/ 1/SEN/SO46      |
| 2980335        | PLC-BSC-230UC/21/SO46          |
| 2980348        | PLC-BSC-230UC/ 1/SEN/SO46      |
| 2980416        | PLC-BSC-120UC/21-21/SO46       |
| 2980429        | PLC-BSC-230UC/21-21/SO46       |
| 2980432        | PLC-BSC-120UC/21HC/SO46        |
| 2980445        | PLC-BSC-230UC/21HC/SO46        |
| 2980458        | PLC-BSC- 24DC/21/SO46          |
| 2981017        | PSR-SPP- 24DC/ESP4/2X1/1X2     |
| 2981020        | PSR-SCP- 24DC/ESP4/2X1/1X2     |
| 2981033        | PSR-SCP- 24UC/URM4/5X1/2X2/B   |
| 2981046        | PSR-SPP- 24UC/URM4/5X1/2X2/B   |
| 2981363        | PSR-SCF- 24UC/URM/2X21         |
| 2981376        | PSR-SCF-120UC/URM/2X21         |
| 2981402        | PSR-SCP-120UC/URM/5X1/2X2      |
| 2981428        | PSR-SCP-24DC/ESD/5X1/1X2/300   |
| 2981431        | PSR-SPP-24DC/ESD/5X1/1X2/300   |
| 2981444        | PSR-SCF- 24UC/URM/4X1/2X2      |
| 2981457        | PSR-SPF-24UC/URM/4X1/2X2       |
| 2981486        | PSR-SCP- 24DC/SDC4/2X1/B       |
| 2981499        | PSR-SPP- 24DC/SDC4/2X1/B       |
| 2981509        | PSR-SPP- 24DC/ESD/5X1/1X2/T10S |
| 2981512        | PSR-SCP- 24DC/URD3/4X1/2X2     |
| 2981525        | PSR-SPP- 24DC/URD3/4X1/2X2     |
| 2981677        | PSR-SCP- 24DC/URM4/4X1/2X2/B   |
| 2981732        | PSR-SCP- 24DC/URD3/4X1/2X2/3   |
| 2981745        | PSR-SPP- 24DC/URD3/4X1/2X2/3   |
| 2981800        | PSR-SCP- 24DC/ESD/4X1/30       |
| 2981813        | PSR-SPP- 24DC/ESD/4X1/30       |

| Numer artykułu | Nazwa artykułu             |
|----------------|----------------------------|
| 2981839        | PSR-SCP- 24UC/URM/3X1/3X2  |
| 2981842        | PSR-SPP- 24UC/URM/3X1/3X2  |
| 2981936        | PSR-SCP- 24DC/SIM4         |
| 2981949        | PSR-SPP- 24DC/SIM4         |
| 2981952        | PSR-SCP- 24UC/URM/5X1/1X2  |
| 2981965        | PSR-SPP- 24UC/URM/5X1/1X2  |
| 2981978        | PSR-SCP- 24DC/FSP/1X1/1X2  |
| 2981981        | PSR-SPP- 24DC/FSP/1X1/1X2  |
| 2982100        | OPT-24DC/ 24DC/ 5          |
| 2982113        | OPT- 5DC/ 24DC/ 5          |
| 2982126        | OPT-60DC/ 24DC/ 5          |
| 2982139        | OPT- 5DC/230AC/ 1          |
| 2982168        | OPT- 5DC/230AC/ 2          |
| 2982171        | OPT-24DC/230AC/ 2          |
| 2982689        | PLC-BSC-TTL/1              |
| 2982799        | PLC-BSC- 24UC/ 1/ACT       |
| 2986575        | PSR-SCP- 24DC/FSP2/2X1/1X2 |
| 2986588        | PSR-SPP- 24DC/FSP2/2X1/1X2 |
| 2986957        | PSR-SPP- 24DC/FSP/2X1/1X2  |
| 2986960        | PSR-SCP- 24DC/FSP/2X1/1X2  |
| 2987338        | REL-MR- 24DC/ 1ICT         |
| 2987888        | REL-MR- 24DC/21HC/MS       |
| 2987891        | REL-MR- 24AC/21HC/MS       |
| 2987901        | REL-MR-120AC/21HC/MS       |
| 2987914        | REL-MR-230AC/21HC/MS       |
| 2987927        | REL-MR- 24DC/21HC AU/MS    |
| 2987930        | REL-MR-230AC/21HC AU/MS    |
| 2987943        | REL-MR- 24DC/21-21/MS      |
| 2987956        | REL-MR- 24AC/21-21/MS      |
| 2987969        | REL-MR-120AC/21-21/MS      |
| 2987972        | REL-MR-230AC/21-21/MS      |
| 2987985        | REL-MR- 24DC/21-21AU/MS    |
| 2987998        | REL-MR-230AC/21-21AU/MS    |
| 3000543        | D-UK 5-HESI N              |
| 3000606        | D-RT 4-T                   |
| 3000680        | PH 6/2                     |
| 3000682        | PH 6/4                     |
| 3000683        | PH 6/5                     |
| 3000684        | PH 6/6                     |

| Numer artykułu | Nazwa artykułu               |
|----------------|------------------------------|
| 3000781        | DP-UTTB 4 HV                 |
| 3001394        | D-UKKB 10                    |
| 3001938        | UK 6-FSI/C-LED24             |
| 3002047        | D-UK 3-MSTB                  |
| 3002445        | DP-UK 3-MVSTB                |
| 3002634        | NS 35/ 7,5 UNP AE EP 160X360 |
| 3002638        | NS 35/ 7,5 UNP AE EP 250X400 |
| 3002639        | NS 35/ 7,5 UNP AE EP 250X600 |
| 3002645        | NS 35/ 7,5 UNP AE OP 161X161 |
| 3003046        | TP-UK                        |
| 3004100        | UK 5-HESI                    |
| 3004126        | UK 5-HESILED 24              |
| 3004142        | UK 5-HESILA 250              |
| 3004171        | UK 6,3-HESI                  |
| 3004249        | UK 6,3-HESILA 250            |
| 3004265        | UK 6,3-HESILED 24            |
| 3005109        | UK 10-DREHSI (5X20)          |
| 3005112        | UK 10-DREHSILED 12 (5X20)    |
| 3005138        | UK 10-DREHSILED 24 (5X20)    |
| 3005154        | UK 10-DREHSILED 60 (5X20)    |
| 3005170        | UK 10-DREHSILA 250 (5X20)    |
| 3005507        | UK 10-DREHSI (6,3X32)        |
| 3005646        | UK 10-DREHSILED 24 (6,3X32)  |
| 3005688        | UK 10-DREHSI/K (5X25)        |
| 3007204        | UKK 5-HESI (5X20)            |
| 3007217        | UKK 5-HESI (6,3X32)          |
| 3012300        | PT 2,5-4L/1P                 |
| 3024436        | D-MZB 1,5-NS35 BU            |
| 3025163        | SK 8                         |
| 3025176        | SK 14                        |
| 3025189        | SK 20                        |
| 3025338        | SK 5                         |
| 3025341        | AB-SK                        |
| 3026654        | UKK 5-HESILED 24 (5X20)      |
| 3026890        | SK 35-D                      |
| 3026997        | SK 28                        |
| 3027941        | SK 14 VPE 300                |
| 3028924        | ST 2,5-QUATTRO-BE BK         |
| 3030492        | D-ST 4-TWIN OG               |

| Numer artykułu | Nazwa artykułu               |
|----------------|------------------------------|
| 3030899        | RB ST 35-(2,5/4)             |
| 3031607        | STTB 2,5-LA 24 RD            |
| 3031623        | STTB 2,5-LA230               |
| 3032059        | D-ST 2,5-QUATTRO GN          |
| 3032062        | D-ST 2,5-QUATTRO-MT RD       |
| 3032127        | FBS 50-5 GY                  |
| 3032282        | D-ST 2,5 BU                  |
| 3032295        | D-ST 4 BU                    |
| 3032797        | PAI-4-FIX WH                 |
| 3033831        | FBS 3-8 CT                   |
| 3033832        | FBS 4-8 CT                   |
| 3033833        | FBS 10-8 CT                  |
| 3034372        | AP 2-TU KS                   |
| 3034373        | AP 3-TU KS                   |
| 3035316        | D-ST 10-TWIN OG              |
| 3035358        | D-ST 16-TWIN OG              |
| 3035564        | STTB 2,5-PT100 MD            |
| 3035688        | STME 6-BE                    |
| 3035690        | DP-STMED 6                   |
| 3035691        | STME 6-DIO/L-R HV            |
| 3035692        | STME 6-DIO/R-L HV            |
| 3036807        | P-FU 5X20-EX                 |
| 3036820        | P-FU 5X20 LED 24 120KOHM     |
| 3036821        | P-FU 5X20 LED 24-EX          |
| 3036823        | P-FU 5X20 LED 60-EX          |
| 3036825        | P-FU 5X20 LED 24 820KOHM     |
| 3036836        | P-FU 5X20 LA 250-EX          |
| 3037589        | D-ST 2,5 OG                  |
| 3037643        | STP 5-2-ZB                   |
| 3037672        | D-ST 16 OG                   |
| 3037685        | D-ST 4 OG                    |
| 3037698        | D-ST 6 OG                    |
| 3037708        | D-ST 10 OG                   |
| 3037737        | D-ST 2,5-QUATTRO OG          |
| 3037795        | ST 4-QUATTRO-DIO 1N 5408/R-L |
| 3038338        | ST 4-PE/3L                   |
| 3038613        | STP 4-2-ZB                   |
| 3038671        | FBS 20-5 GY                  |
| 3038752        | ST 2,5-QUATTRO-BE            |

| Numer artykułu | Nazwa artykułu         |
|----------------|------------------------|
| 3038972        | FBS 3-5 GY             |
| 3038985        | FBS 4-5 GY             |
| 3039007        | FBS 10-5 GY            |
| 3039874        | D-ST 2,5-QUATTRO-MT OG |
| 3040084        | D-ST 2,5-QUATTRO/2P OG |
| 3040559        | PR                     |
| 3040562        | PDZ/2                  |
| 3040575        | PDZ/4                  |
| 3040591        | PSH 3- 6               |
| 3040601        | PSH 5-10               |
| 3040614        | PRZ                    |
| 3040627        | PZ/2                   |
| 3040630        | PR/2                   |
| 3040631        | PRT/2                  |
| 3040643        | PZ/4                   |
| 3040889        | AB-SK 65-D INSULATED   |
| 3041862        | PRV/2                  |
| 3041927        | D-ST 2,5-4L/2P         |
| 3041930        | D-ST 2,5-4L/1P         |
| 3041969        | ST 2,5-PE/3L/1P        |
| 3042739        | D-ST 4-QUATTRO/4CP     |
| 3043307        | D-SC 4                 |
| 3045554        | UPZ/ 2                 |
| 3045567        | UPR/ 2                 |
| 3045570        | UPRZ                   |
| 3046003        | UT 4-TWIN-MT           |
| 3046207        | UT 4-MTD-PE/S          |
| 3046235        | UT 4-PE/L-DIO/R-L P/P  |
| 3046499        | P-FU 6,3X32-EX         |
| 3046509        | P-FU 6,3X32 LED 24-EX  |
| 3046525        | P-FU 6,3X32 LA 250-EX  |
| 3046595        | UT 4-TWIN-TG           |
| 3046605        | UT 4-TWIN-TG P/P       |
| 3047060        | RB UT 10-(2,5/4)       |
| 3047072        | RB 16-6                |
| 3047167        | ATP-UT                 |
| 3047196        | ATP-UT-QUATTRO         |
| 3047251        | RB UT 6-(2,5/4)        |
| 3047277        | RB UT 35-(2,5/4)       |

| Numer artykułu | Nazwa artykułu        |
|----------------|-----------------------|
| 3047280        | RB UT 35-ST(2,5/4)    |
| 3048357        | USEN 14 N             |
| 3048360        | USEN 18 N             |
| 3048373        | USED 27 N             |
| 3048386        | UK 10,3-HESI N        |
| 3048399        | UK 10,3-HESILED N 690 |
| 3048580        | UK 10,3-CC HESI N     |
| 3049602        | HV M12/1-TP           |
| 3049709        | HV M12/2-TP           |
| 3050523        | D-QTCS 2,5 TWIN       |
| 3050536        | D-QTTCBU 1,5          |
| 3057445        | D-UTME 4-CT/1P        |
| 3058020        | D-RSC 5               |
| 3058046        | D-RSC 5-T             |
| 3059647        | D-RSC 5-F             |
| 3060610        | UP 6/ 1               |
| 3060623        | UP 6/ 2               |
| 3060636        | UP 6/ 3               |
| 3060649        | UP 6/ 4               |
| 3060652        | UP 6/ 5               |
| 3060665        | UP 6/ 6               |
| 3060678        | UP 6/ 7               |
| 3060681        | UP 6/ 8               |
| 3060694        | UP 6/ 9               |
| 3060704        | UP 6/10               |
| 3060717        | UP 6/ 1 BU            |
| 3060720        | UP 6/ 1 GNYE          |
| 3061169        | STTB 2,5/2P-F         |
| 3061172        | UT 2,5-TWIN/1P-F      |
| 3061198        | ST 2,5/2P-F           |
| 3061208        | ST 2,5-QUATTRO/4P-F   |
| 3061211        | QTC 1,5/1P-F          |
| 3061376        | ST 2,5/1P-FS          |
| 3061389        | ST 2,5-TWIN/1P-FS     |
| 3061392        | ST 2,5-QUATTRO/2P-FS  |
| 3061402        | ST 2,5-QUATTRO/4P-FS  |
| 3061415        | ST 2,5/2P-FS          |
| 3061428        | STTB 2,5/2P-FS        |
| 3061499        | STTB 2,5/4P-PE        |

| Numer artykułu | Nazwa artykułu         |
|----------------|------------------------|
| 3061525        | PSH 3- 6 500MM         |
| 3062090        | AB-SK TOP              |
| 3062922        | AKG 4 RD               |
| 3062935        | AKG 4 GN               |
| 3062948        | AKG 4 YE               |
| 3062951        | AKG 16 RD              |
| 3062964        | AKG 16 GN              |
| 3062977        | AKG 16 YE              |
| 3062980        | AKG 35 RD              |
| 3062993        | AKG 35 GN              |
| 3063002        | AKG 35 YE              |
| 3064014        | UT 4-TWIN-MT P/P       |
| 3069807        | UTRE 6-2/6             |
| 3069808        | UTRE 6-2/7             |
| 3069809        | UTRE 6-2/8             |
| 3069812        | UTRE 6-2/11            |
| 3069814        | UTRE 6-2/13            |
| 3069817        | UTRE 6-2/16            |
| 3069819        | UTRE 6-2/18            |
| 3069824        | UTRE 6-2/23            |
| 3069851        | PTRE 6-2/6             |
| 3069852        | PTRE 6-2/7             |
| 3069853        | PTRE 6-2/8             |
| 3069860        | PTRE 6-2/11            |
| 3069862        | PTRE 6-2/13            |
| 3069865        | PTRE 6-2/16            |
| 3069867        | PTRE 6-2/18            |
| 3069872        | PTRE 6-2/23            |
| 3069873        | PTRE 6-2/24            |
| 3070304        | D-USST 4-MT            |
| 3070367        | D-USST 6-T             |
| 3070370        | D-USST 4/10            |
| 3070435        | VBSTB 4-FS (6-2,8-0,8) |
| 3072821        | TS-UT 6-T/SP           |
| 3073018        | UT 4-TWIN-MT BU        |
| 3073021        | UT 4-TWIN-MT P/P BU    |
| 3073034        | UT 4-TWIN-TG BU        |
| 3073047        | UT 4-TWIN-TG P/P BU    |
| 3076039        | UTI 6-PE/L/NT          |

| Numer artykułu | Nazwa artykułu             |
|----------------|----------------------------|
| 3076040        | UTI 6-PE/L/L               |
| 3076041        | UTI 6-PE/L/N               |
| 3076042        | UTI 6-L/L                  |
| 3076045        | UTI 6-L/N                  |
| 3101090        | D-MTK BU                   |
| 3118012        | UK-SI                      |
| 3118096        | UK-SI BU                   |
| 3118203        | UK 6-FSI/C                 |
| 3206270        | D-QTCS 1,5                 |
| 3206335        | D-QTTCS 1,5                |
| 3206403        | D-QTCS 1,5-TWIN            |
| 3206584        | D-QTCS 2,5                 |
| 3209240        | P-FU 5X20 LED 24-5 120KOHM |
| 3209507        | PH 2,5/ 9                  |
| 3209691        | PH 2,5/ 2                  |
| 3209701        | PH 2,5/ 3                  |
| 3209714        | PH 2,5/ 4                  |
| 3209727        | PH 2,5/ 5                  |
| 3209730        | PH 2,5/ 6                  |
| 3209743        | PH 2,5/ 7                  |
| 3209756        | PH 2,5/ 8                  |
| 3209769        | PH 2,5/10                  |
| 3209772        | PH 2,5/11                  |
| 3209785        | PH 2,5/12                  |
| 3209798        | PH 2,5/13                  |
| 3209808        | PH 2,5/14                  |
| 3209811        | PH 2,5/15                  |
| 3209837        | ST 2,5/1P-F                |
| 3209840        | ST 2,5-TWIN/1P-F           |
| 3209853        | ST 2,5-QUATTRO/2P-F        |
| 3211236        | UK 10,3-HESI 1000V         |
| 3211249        | UK 10,3 HESILED 1000V      |
| 3212756        | PH 1,5/S/3                 |
| 3212769        | PH 1,5/S/4                 |
| 3212772        | PH 1,5/S/5                 |
| 3212785        | PH 1,5/S/6                 |
| 3212798        | PH 1,5/S/7                 |
| 3212808        | PH 1,5/S/8                 |
| 3212811        | PH 1,5/S/9                 |

| Numer artykułu | Nazwa artykułu  |
|----------------|-----------------|
| 3212824        | PH 1,5/S/10     |
| 3212837        | PH 1,5/S/11     |
| 3212840        | PH 1,5/S/12     |
| 3212853        | PH 1,5/S/13     |
| 3212866        | PH 1,5/S/14     |
| 3212879        | PH 1,5/S/15     |
| 3212882        | PR 1,5/S        |
| 3212895        | PR 1,5/S/2      |
| 3212905        | PRZ 1,5/S       |
| 3212918        | PZ 1,5/S/2      |
| 3213098        | D-RSC 6         |
| 3213108        | D-RSC 6-F       |
| 3213111        | AB-SK/E-NS 35   |
| 3213254        | RB ST 16-1,5/S  |
| 3213506        | PPC 1,5/S/14    |
| 3214364        | UT 4-PE/L/MT    |
| 3240223        | AB-SKS 60       |
| 3248033        | D-MUT 2,5/4     |
| 3248034        | D-MUT 2,5/4 BU  |
| 3248141        | D-MPT 2,5 BU    |
| 3249010        | D-MPT 2,5-F     |
| 3249019        | D-MPT 2,5-RZ    |
| 3260065        | PTPOWER 50 P    |
| 3270115        | PTRV 4 /WH      |
| 3270117        | PTRV 4 /GY      |
| 3270118        | PTRV 4 BU/BU    |
| 3270119        | PTRV 4 BU/WH    |
| 3270120        | PTRV 4 BU/RD    |
| 3270121        | PTRV 4 /RD      |
| 3270122        | PTRV 4 /GN      |
| 3270123        | PTRV 4 /YE      |
| 3270125        | PTRV 4-PV /BK   |
| 3270126        | PTRV 4-PV BU/BK |
| 3270130        | PTRV 4-FE /YEBK |
| 3270131        | PTRV 4-FE /BKYE |
| 3270133        | PTRV 8 /WHRD    |
| 3270134        | PTRV 8 BU/WHRD  |
| 3270135        | PTRV 8 BU/RDWH  |
| 3270136        | PTRV 8 BU/BU    |

| Numer artykułu | Nazwa artykułu        |
|----------------|-----------------------|
| 3270137        | PTRV 8 /RDWH          |
| 3270138        | PTRVB 4-FI /GY        |
| 3270140        | PTRV 8 /GY            |
| 3270142        | PTRV 8-PV /BK         |
| 3270145        | PTRV 8-PV BU/BK       |
| 3270148        | PTRV 8-FE /YEBK       |
| 3270149        | PTRV 8-FE /BKYE       |
| 3270151        | D-PTRV 4 WH           |
| 3270152        | D-PTRV 4 WH 1-4       |
| 3270153        | D-PTRV 4 WH A-D       |
| 3270154        | D-PTRV 8 WH           |
| 3270155        | D-PTRV 8 WH 1-8       |
| 3270156        | D-PTRV 8 WH A-H       |
| 3270157        | PTRVB 4-PV /BK        |
| 3270158        | PTRVB 4-FI /BK        |
| 3270159        | PTRVB 8-PV /BK        |
| 3270160        | PTRVB 8-FI /BK        |
| 3270163        | DP-PTRV 4             |
| 3270166        | DP-PTRV 8             |
| 3270211        | D-PTRV 8 WH 9-16      |
| 3270212        | D-PTRV 8 WH 9-16 LGS  |
| 3270213        | D-PTRV 8 WH 17-24     |
| 3270214        | D-PTRV 8 WH 17-24 LGS |
| 3270215        | D-PTRV 8 WH 25-32     |
| 3270216        | D-PTRV 8 WH 25-32 LGS |
| 3270217        | D-PTRV 8 WH A-P       |
| 3270218        | D-PTRV 8 WH A-P LGS   |
| 3270220        | PTRVB 4-FI /RD        |
| 3270221        | PTRVB 4-FI /BU        |
| 3270222        | PTRVB 4-PV /RD        |
| 3270223        | PTRVB 4-PV /BU        |
| 3270224        | PTRVB 8-FI /RD        |
| 3270225        | PTRVB 8-FI /BU        |
| 3270226        | PTRVB 8-PV /RD        |
| 3270227        | PTRVB 8-PV /BU        |
| 3270228        | D-PTRV 8 WH 1-16      |
| 3270229        | D-PTRV 8 WH 1-16 LGS  |
| 3270230        | PTRV 8 /VDE 0815      |
| 3270231        | PTRV 8 /RD            |

| Numer artykułu | Nazwa artykułu        |
|----------------|-----------------------|
| 3270232        | PTRV 8 /GN            |
| 3270233        | PTRV 8 /BU            |
| 3270234        | D-PTRV 4 WH 1-4 LGS   |
| 3270235        | D-PTRV 4 WH A-D LGS   |
| 3270236        | D-PTRV 4 WH 4-1       |
| 3270237        | D-PTRV 4 WH D-A       |
| 3270238        | D-PTRV 4 WH 4-1 LGS   |
| 3270239        | D-PTRV 4 WH D-A LGS   |
| 3270240        | D-PTRV 8 WH 1-8 LGS   |
| 3270241        | D-PTRV 8 WH A-H LGS   |
| 3270242        | D-PTRV 8 WH 8-1       |
| 3270243        | D-PTRV 8 WH H-A       |
| 3270244        | D-PTRV 8 WH 8-1 LGS   |
| 3270245        | D-PTRV 8 WH H-A LGS   |
| 3270246        | PTRV 4-PV /RD         |
| 3270247        | PTRV 4-PV /BU         |
| 3270248        | PTRV 8-PV /RD         |
| 3270249        | PTRV 8-PV /BU         |
| 3270250        | PTRV 8 /VDE 0815-WHBK |
| 5032044        | D-URKN                |