

2016

Elkat s.c. is a Polish manufacturing company with the head offices located in its central part.

For over a decade, we have been manufacturing and developing isolated connecting busbars, designed for connecting modular low-voltage instruments. By investing in new technologies, know-how and competence of our personnel, we have reached a high position on the market of manufacturers.

Our offer comprises over twenty models of isolated connecting busbars as well as distribution blocks and hut connections. The construction of our products allows one to connect modular instruments quickly and safely and speeds up and rationalizes the installation process. All our products are accompanied with certificates confirming compliance with the required standards. High quality of the products has been attained thanks to our experience and the strategy of production centralization. At present, the entire process is carried out in one modern plant, which has a measurable influence on product quality and the possibility of comprehensive control of manufacturing processes and of all other parameters.

Cooperation with our clients is not limited exclusively to commercial issues. We also develop cooperation in the domain of design, which results in the introduction of new products on the market. As we use a stock of modern machine tools (such as CNC machine tools, CNC presses, extruding machines, injection moulding machines, to name some of them), we are also able to deliver semi-finished products to our clients.

We are at your disposal, ready to provide any additional information or explanation.

Sincerely yours,

Janusz Rdest

Owner

ISOLATED BUSBARS

The product is designed to be used to connect modular low-voltage protective devices.
Description of implemented symbols

Example:

IZ16 /3F /12 /D Isolated 3-phase busbar, shared isolation, diameter: 16 mm², forked terminals, capacity: 12 modules.

Type	
IZI	IZ - forked terminals
	IZS - pin terminals
Number of phases	
3FI	1F one phase
	2F two phases
	3F three phases
	4F four phases
Number of modules	
12/	Number of modules: from 2 to 56
Structural design features	
DI	(...) normal design, module spacing: 17,8 mm ²
	D shared insulation
	L bent bar profile
	V module spacing: 27 mm ²
	STV - module spacing: 27 mm ²
	IZM - module spacing: 15 mm ²

Technical specifications

Nominal cross-section: 10-12-16 mm²

10 mm² 63A

12 mm² 80A

16 mm² 100A

Isolation material: flame retardant PVC

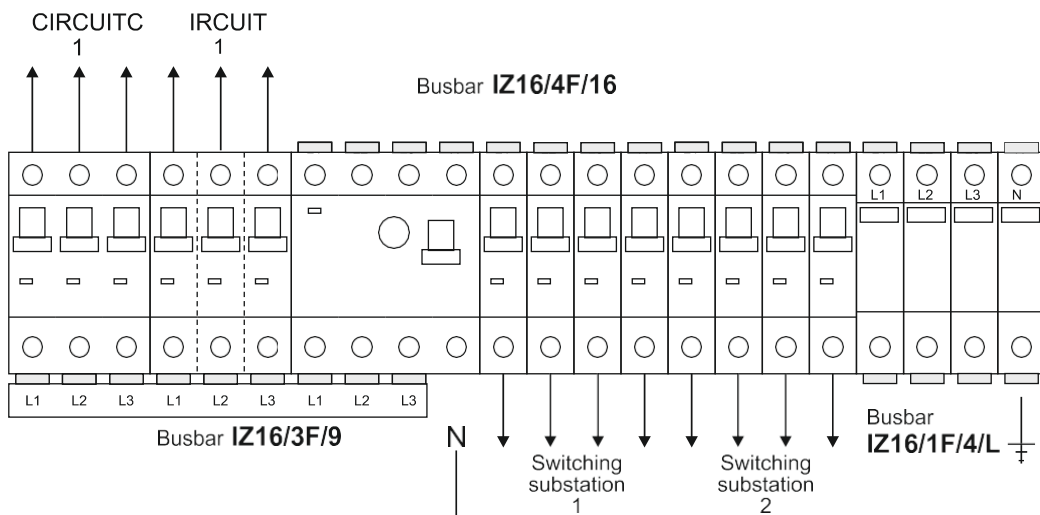
Inserts: Cu M1E

Products compliant with the following standards: PN-EN 60947-1 2010; PN-EN 60947-7-2

Example of product application

Set of busbars:

- IZ16/4F/16 (page 14 of the catalogue)
- IZ16/3F/9 (page 12 of the catalogue)
- IZ16/1F/4/L (page 10 of the catalogue)

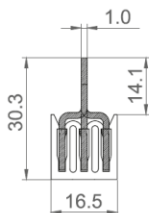


ISOLATED BUSBARS

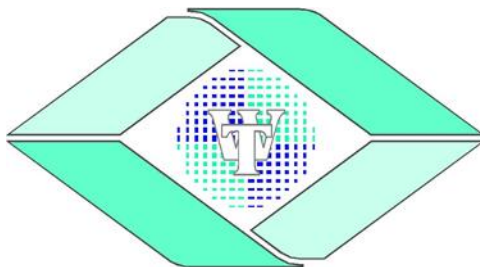
IZ10/3F

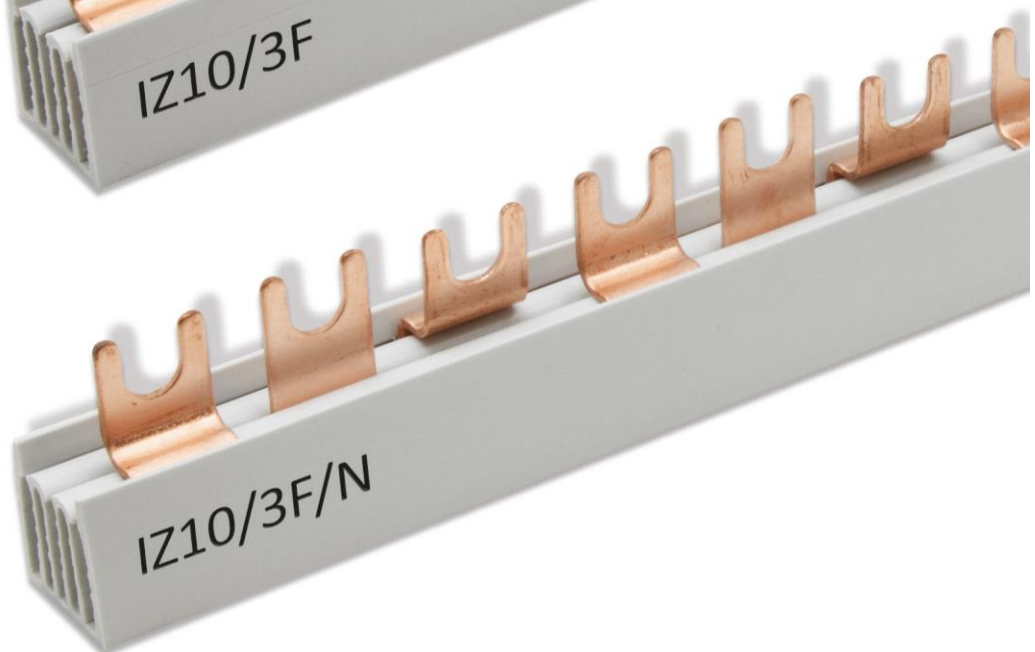
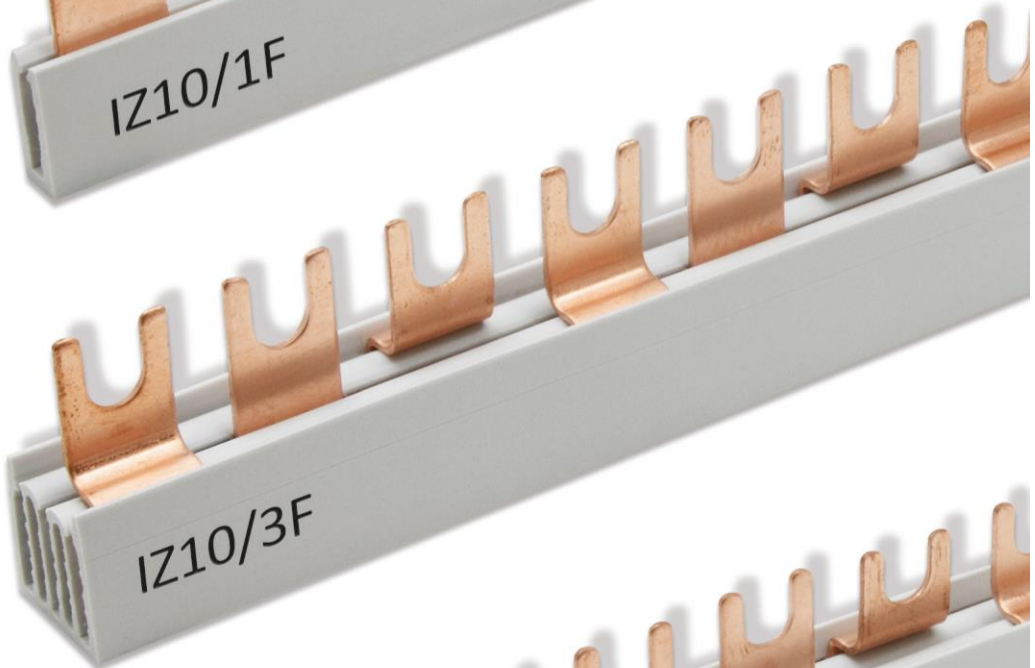
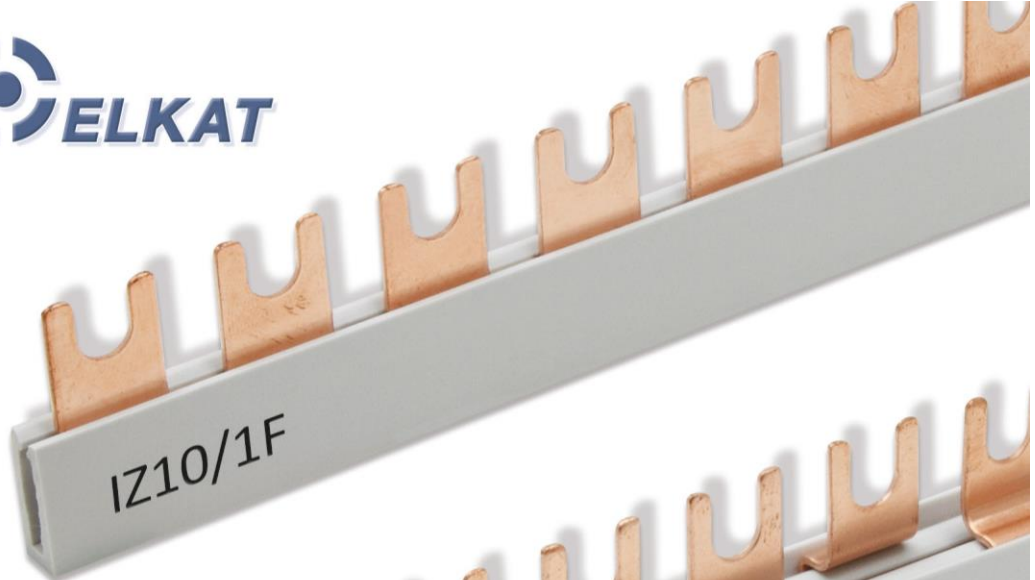
**Isolated 3-phase busbars,
cross-section: 10 mm², forked terminals.**

Triple-circuit busbar,
17.8 mm module



CATALOGUE NUMBER	TYPE	Length [m]	PACKAGING	
			single-unit package [pieces]/[kg]	multi-unit package [pieces]/[kg]
110030109	IZ10/3F/09	0,16	20/1,70	240/20,6
110030112	IZ10/3F/12	0,22	20/2,25	240/27,40
110030118	IZ10/3F/18	0,32	20/4,60	-
110030124	IZ10/3F/24	0,44	20/4,90	-
110030154	IZ10/3F/54	1	20/11,14	-
	Plug	-	25	250

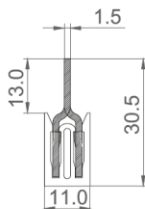




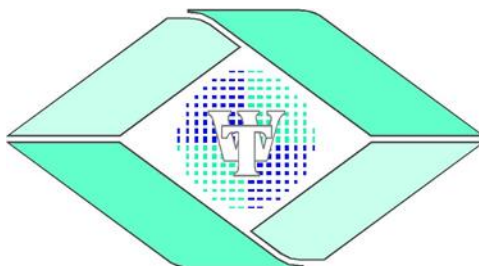
IZ16/2F

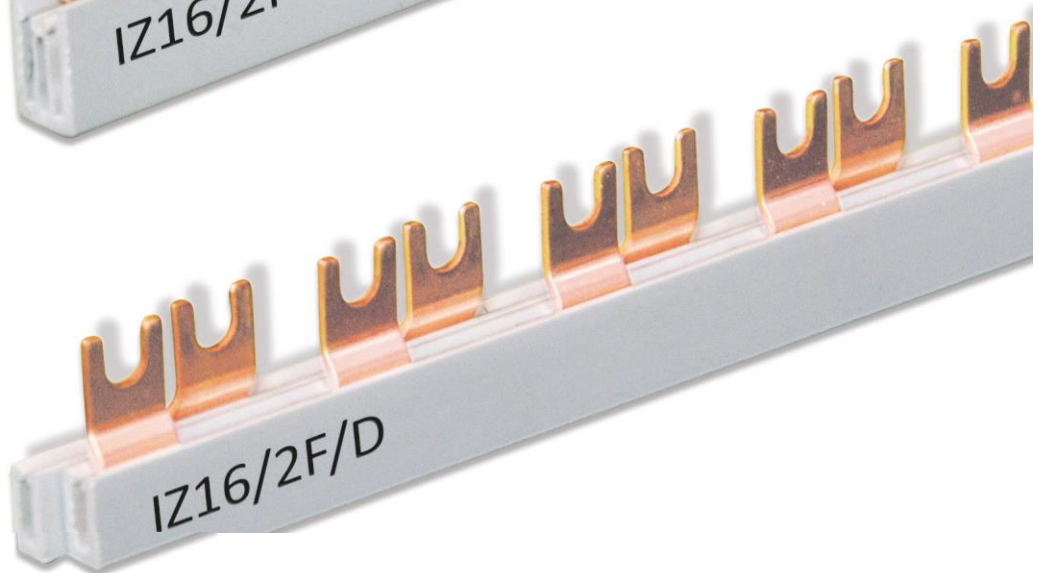
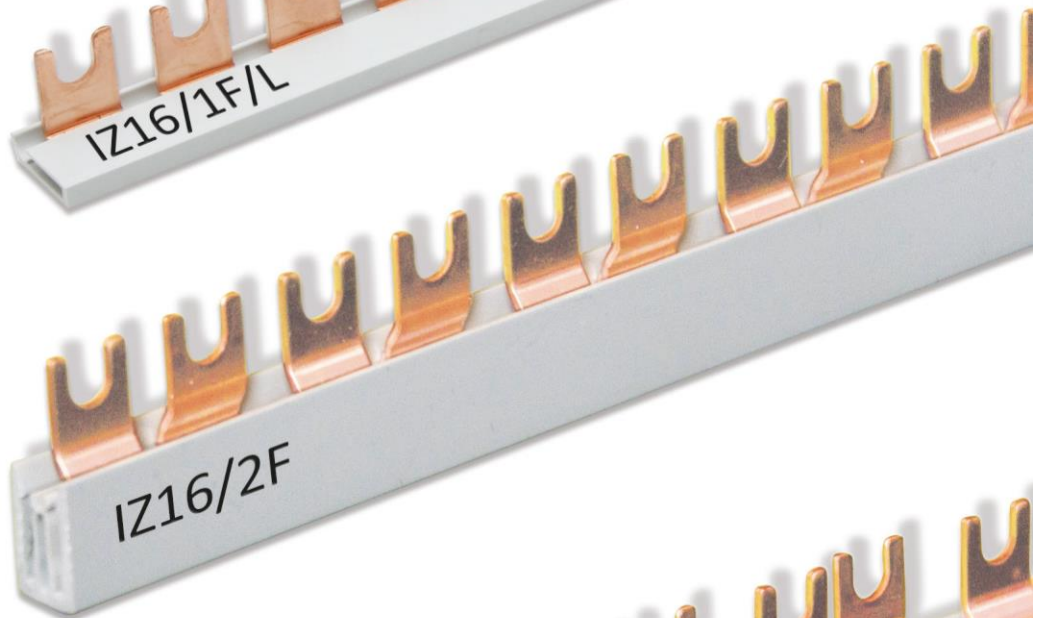
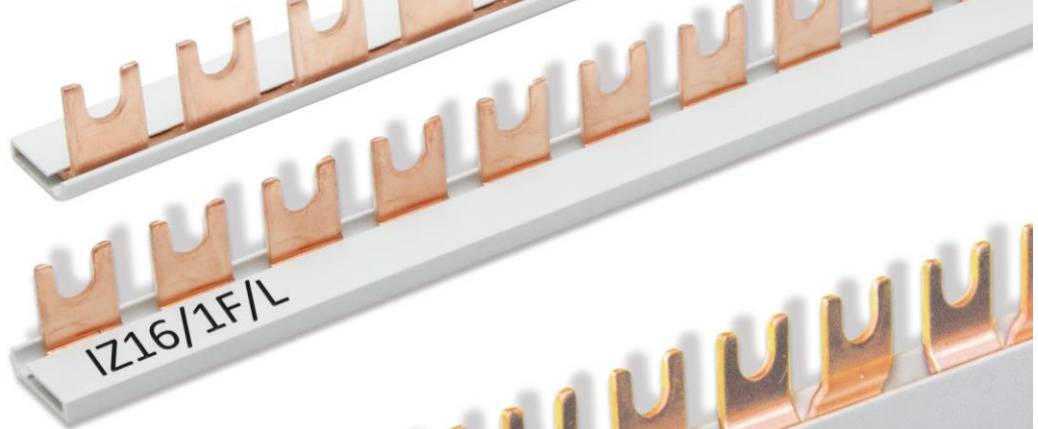
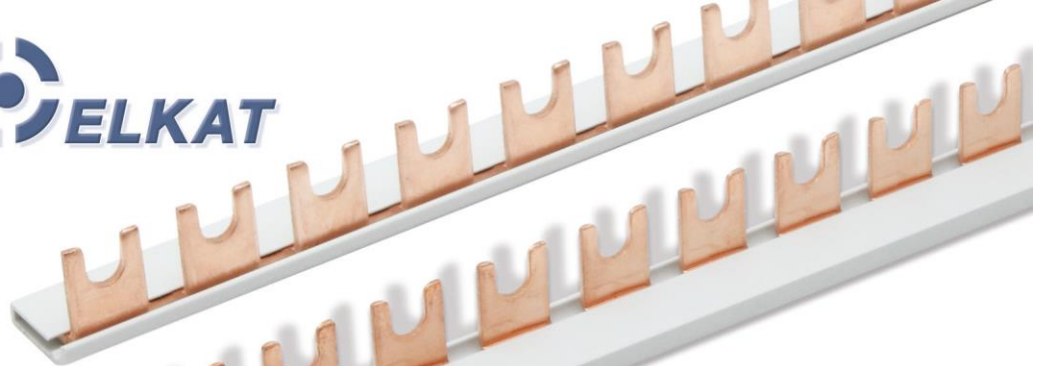
**Isolated 2-phase busbars,
cross-section: 16 mm², forked terminals.**

Double-circuit busbar,
17.8 mm module



CATALOGUE NUMBER	TYPE	Length	PACKAGING	
			single-unit package	multi-unit package
		[m]	[pieces]/[kg]	[pieces]/[kg]
0116020112	IZ16/2F/12	0,22	10/1,2	-
0116020118	IZ16/2F/18	0,32	10/1,80	-
0116020124	IZ16/2F/24	0,44	10/2,40	-
0116020154	IZ16/2F/54	1	10/6,00	-
	Plug	-	25	250

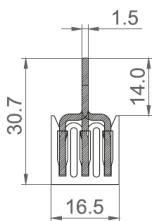




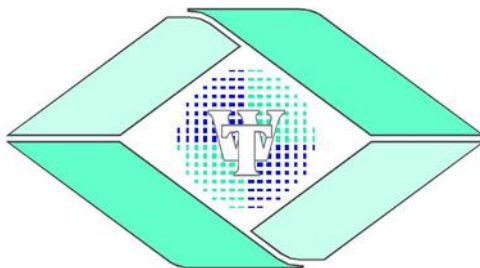
IZ16/3F

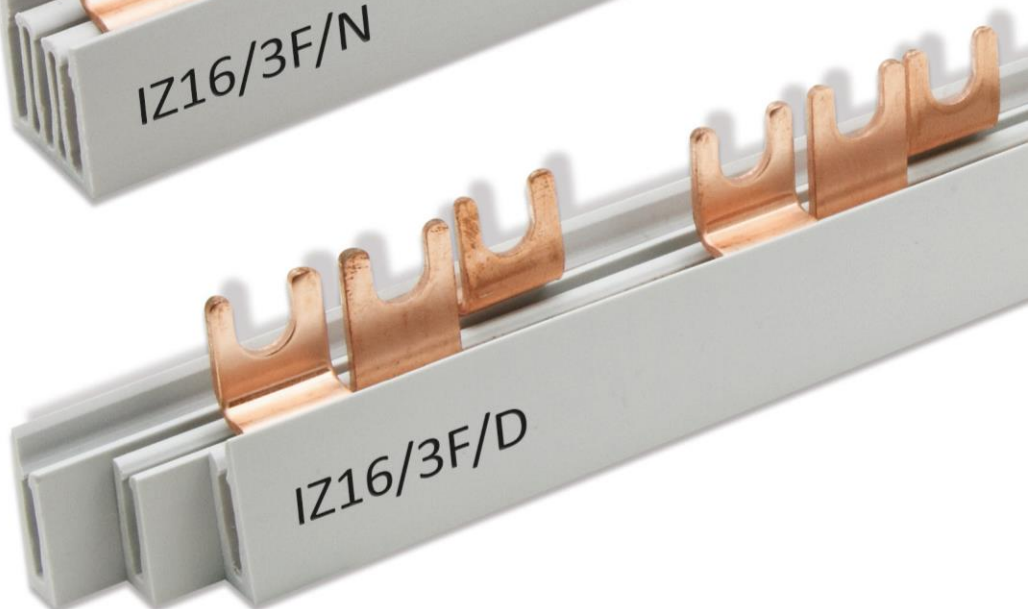
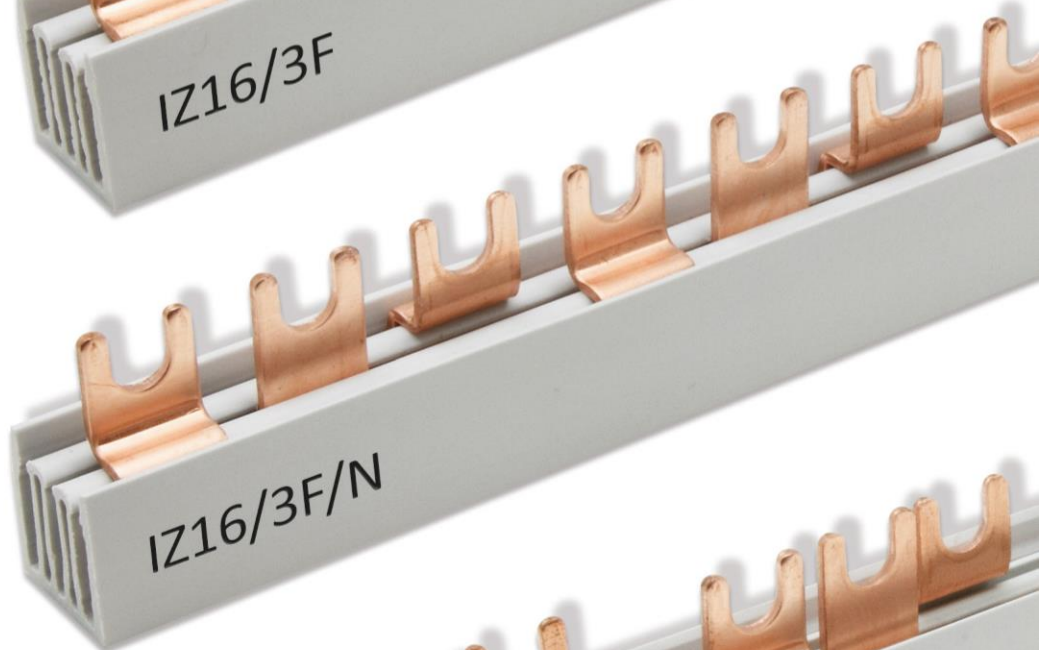
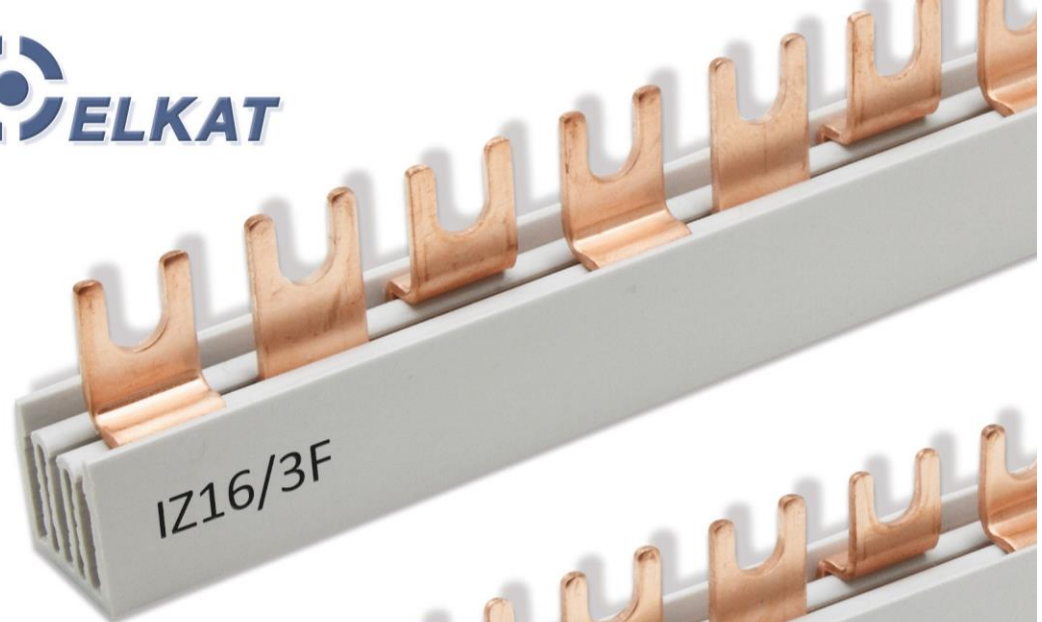
**Isolated 3-phase busbars,
cross-section: 16 mm², forked terminals.**

Triple-circuit busbar,
17.8 mm module



CATALOGUE NUMBER	TYPE	Length	PACKAGING	
			single-unit package	multi-unit package
		[m]	[pieces]/[kg]	[pieces]/[kg]
0116030109	IZ16/3F/09	0,16	20/2,25	240/27,40
0116030112	IZ16/3F/12	0,22	20/3,00	180/28,60
0116030118	IZ16/3F/18	0,32	20/4,50	120/27,40
0116030124	IZ16/3F/24	0,44	20/6,00	-
0116030154	IZ16/3F/54	1	20/14,40	-
	Plug	-	25	250

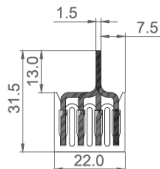




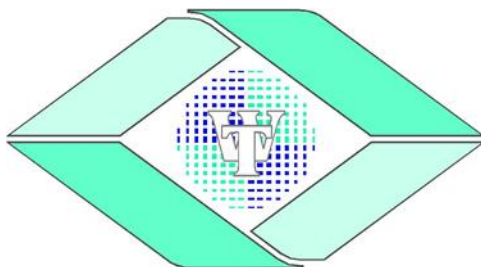
IZ16/4F

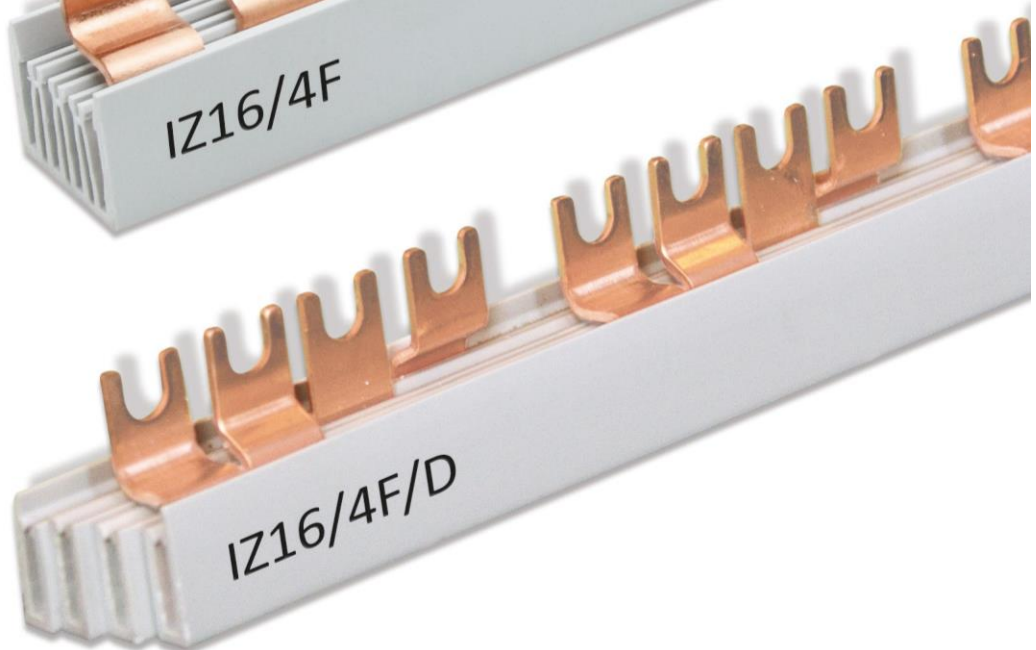
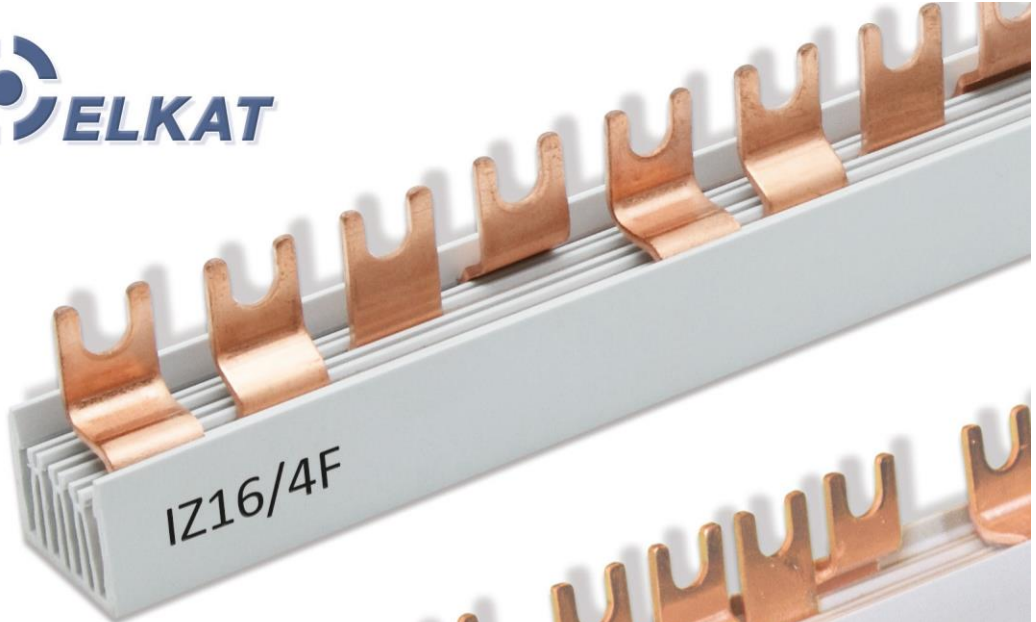
**Isolated 4-phase busbars,
cross-section: 16 mm², forked terminals.**

Quadruple-circuit
busbar, 17.8 mm
module



CATALOGUE NUMBER	TYPE	Length [m]	PACKAGING	
			single-unit package [pieces]/[kg]	multi-unit package [pieces]/[kg]
0116040112	IZ16/4F/12	0,22	10/2,00	-
0116040124	IZ16/4F/24	0,44	10/4,00	-
0116040156	IZ16/4F/56	1	10/10,00	-
	Plug	-	25	250



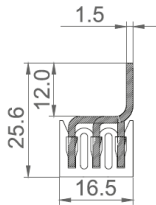


ISOLATED BUSBARS

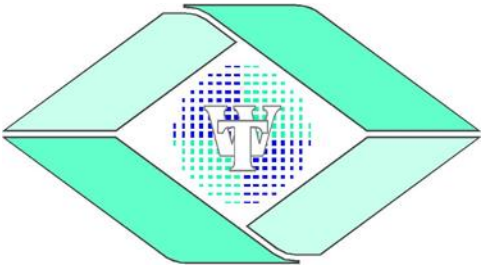
IZ10/3F

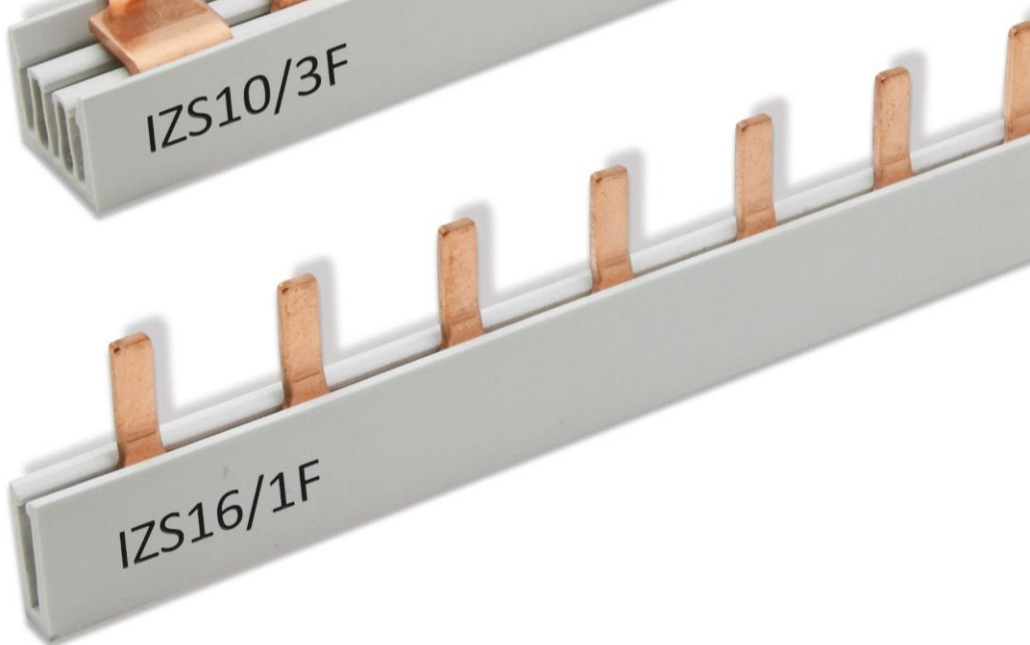
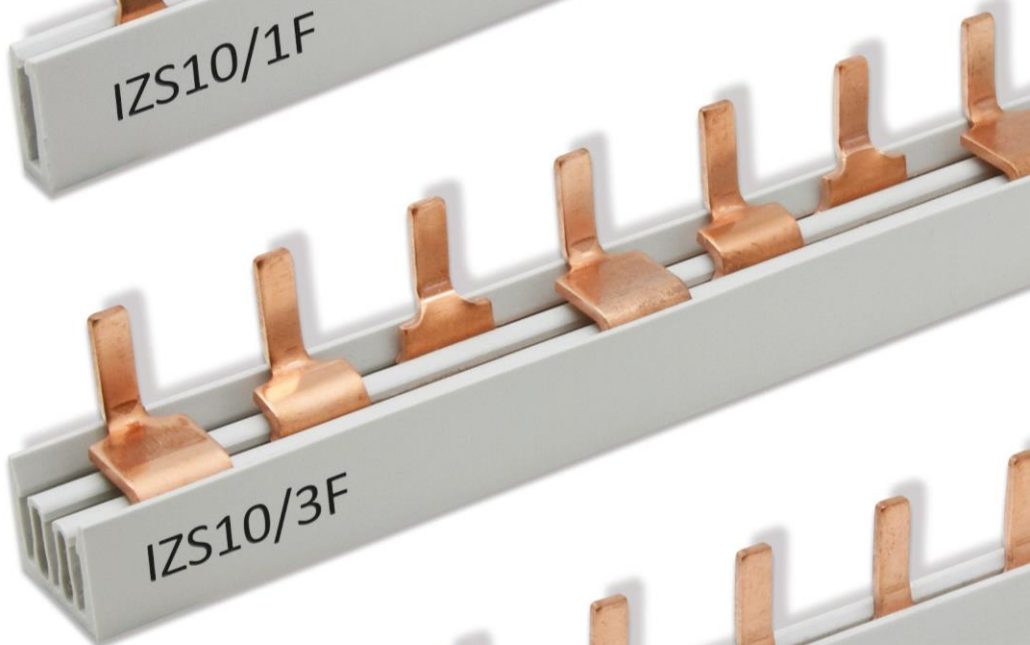
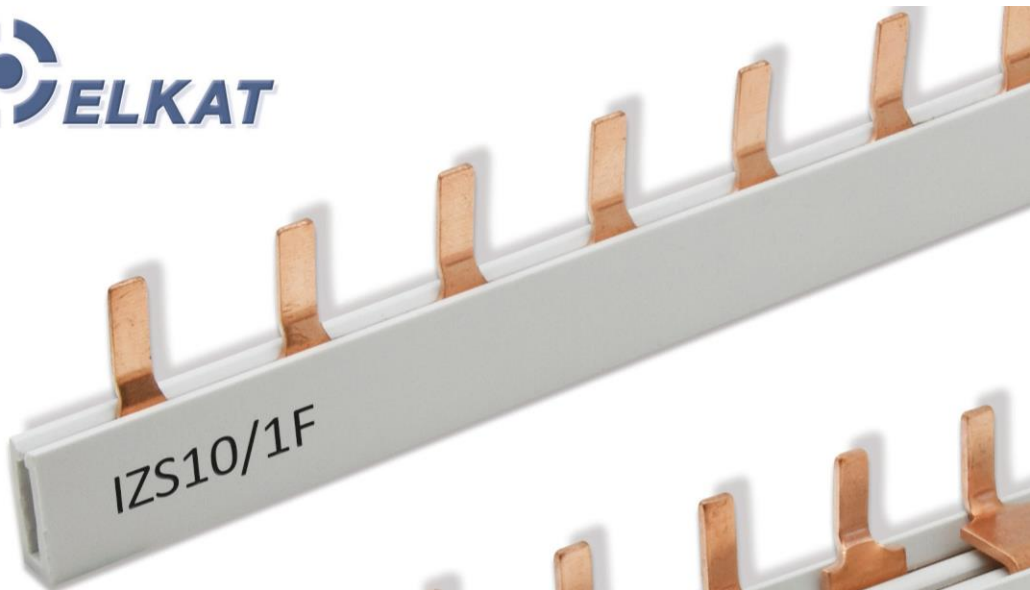
Isolated 3-phase busbars,
cross-section: 10 mm², pin terminals.

Triple-circuit busbar,
17.8 mm module



CATALOGUE NUMBER	TYPE	Length	PACKAGING	
			single-unit package	multi-unit package
		[m]	[pieces]/[kg]	[pieces]/[kg]
0210030309	IZS10/3F/09	0,16	20/1,50	240/18,00
0210030312	IZS10/3F/12	0,22	20/2,00	240/24,00
0210030318	IZS10/3F/18	0,32	20/3,10	120/18,60
0210030324	IZS10/3F/24	0,44	20/4,10	-
0210030354	IZS10/3F/54	1	20/9,30	-
	Plug	-	25	250

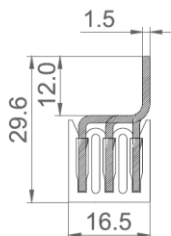




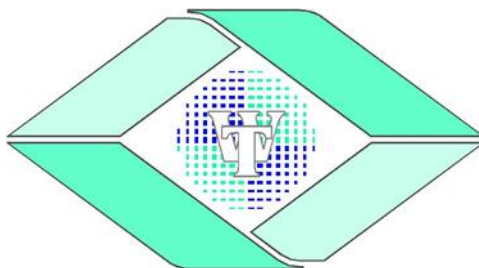
IZS16/3F

**Isolated 3-phase busbars,
cross-section: 16 mm², pin terminals.**

Triple-circuit busbar,
17.8 mm module



CATALOGUE NUMBER	TYPE	Length [m]	PACKAGING	
			single-unit package [pieces]/[kg]	multi-unit package [pieces]/[kg]
0116030109	IZ16/3F/09	0,16	20/2,25	240/27,40
0116030112	IZ16/3F/12	0,22	20/3,00	180/28,60
0116030118	IZ16/3F/18	0,32	20/4,50	120/27,40
0116030124	IZ16/3F/24	0,44	20/6,00	-
0116030154	IZ16/3F/54	1	20/14,40	-
	Plug	-	25	250





Zakłady Badań i Atestacji »ZETOM«
im. Prof. F. Stauba w Katowicach sp. z o.o.

ul. Ks. Bpa H. lkd norza 17, 40-384 Katowice, tel.: 0048 32 2 569 257
tel/fax: 0048 32 2569 305, e-mail: zctom@ic.tomkatowice.com.pl

PRZEDSIĘBIEMSTWO
FAIR PLAY

ZAKŁAD CERTYFIKACJI

jednolite
numerowanie
...
41...
2004/101/WE
UEFS,
100h...S.TWU
11
poniżej Rni
11/15 / JON

CERTYFIKAT Nr 31/15/Z zgodności z Europejskimi Dyrektywami

Nazwa i adres posiadacza certyfikatu: "ELKAT" S.C.
ul. Sienkiewicza 38A, 05-840 Brwinów

Nazwa i adres producenta: "ELKAT" S.C.
ul. Sienkiewicza 38A, 05-840 Brwinów

Miejsce produkcji: "ELKAT" S.C.
ul. Sienkiewicza 38A, 05-840 Brwinów

Nazwa wyrobu: Izolowane szyny zbiorcze do aparatów niskiego napięcia typ: IZ-10, IZ-12, IZ-16, IZS-10, 12; Ptu, IZM, STV, 1 torowe, 2 torowe, 3 torowe, 4 torowe wg załącznika

W/w wyrób spełnia wymagania norm zharmonizowanych z Dyrektywami Niskonapięciowych 2006/95/WE

Ocenę zgodności ww. Oryginalu dokonano na podstawie:

- wyników badań w zakresie normy zharmonizowanej:
PN-EN 60947-7-1:2012 (IDT EN 60947-7-1:2009), PN-EN 60947-1:2010 (IDT EN 60947-1:2007) wg Sprawozdania z badań nr B/2015/37 z dnia 06.02.2015 r. wykonanych przez Laboratorium Badawcze i Wzornictwa „ZETOM” Katowice
- wyników inspekcji warunków organizacyjnych i technicznych wykonanej przez jednostkę certyfikacji „ZETOM” Katowice wg Raportu nr 14/2 015 z dnia 04.02.2015 r.

Prawo do stosowania certyfikatu obejmuje okres od 10.02.2015 r. do 09.02.2020 r.

i dotyczy wyłącznie egzemplarzy wyrobu posiadających identyczne właściwości i (parametry) jak przedstawiony do badań wzór (wzory) i odpowiadających wymaganiom o kreślonym powyżej.

D, ® - A



PN-EN 60947-7-1:2012
IDT EN 60947-7-1:2009
PN-EN 60947-1:2010
IDT EN 60947-1:2007

Katowice, dnia 10.02.2015 r.



Certyfikat
 z Złotą Oznaką
 SEP
 z Złotą Oznaką
 SEP
 z Złotą Oznaką
 SEP

BBJ



AC 012

BIURO BADAWCZE DS. JAKOŚCI

04-703 Warszawa, ul. Mieczysława Poaryskiego 28
 tel. 48 22 812 69 38, fax +48 22 815 65 80; e-mail: bbj@bb1.pl

CERTYFIKAT ZGODNOŚCI

CERTIFICATE OF CONFORMITY

nr Z/12/043/15

No. Z/12/043115

Dostawca: ELKAT a.c.
Nazwa i adres: Katarzyna Radaat, Janu 11 Rdeat
 ul. Sienkiewicza 38A
 05-HO Brwinów, Poland
 (Name and address)

Producent: ELKAT a.c.
(NIZWILDM): Katarzyna Radaat, Janu 11 Rdeat
 ul. Sienkiewicza 38A
 05-840 Brwinów, Poland.
 (Manufacturer's name and address)

Nazwa wyrobu: Liaty zaciakow gwinow...
Name of the product: Screw threads in block.

Type (model): DB1, DB2, D11-4, DB-6, DB-7, DB-8, ZP-50/CU
Type (model):

Dane techniczne: U1: 6S10 V; tLiap.: 6 kV1
Technical data: Jm.: 150 A - ZP-150/Cu; 160 A - DB-1, DB-2;
 192 A - DB-6, DB-7, DB-8;
 Praca: 50 A - 1, 60 A - 2, ZP-50/Cu;
 70 A - DB-4, DB-6, DB-7, DB-8.

Syolbm-certyfikacji: 1- według PN-en: EN ISO 1167 la
Certification system: according to ISO 9001:2008

Wymieniony powyżej wyrób spełnia wymagania norm(y) lub dokumentów nonnatywnych:
 The tested product complies with the following standards or non-normative documents:

Norma(y) dokumenty nonnatywne Standards or non-normative documents	Raport o wynikach Test report(s) No.	Wydawca Issued by
PN-EN 60947-7-1:2012 (EN 60947-7-1:2009)	LA-15.066/15.029 LA-U.109/U.095/1, LA-14.109/U.095/2, LA-14.109/U.095/3, LA-14.109/14.095/4.	BBJ - DJ

Niniejszy certyfikat dotyczy wyłącznie wyrobów mających identyczne właściwości (dane techniczne) jak przedawany do badań wzór, 1 kwietnia, cych
 wymagania ww. norm(y) lub dokumentów nonnatywnych.
 This certificate covers only the products which characteristics (technical data) same as of
 the tested sample and those complying with the requirements of the aforementioned standard(s) and/or normative documents.



Kierownik Jednostki Certyfikującej
 Certification Body Manager

Zbigniew Brzozowski
Zbigniew Brzozowski

Warszawa, 2015-07-22