FAT-N

xEnergy Low-voltage switchgear assemblies



ZHENJIANG DAQO EATON ELECTRICAL SYSTEMS CO.,LTD.



Powering business worldwide

Eaton delivers the power inside hundreds of products that are answering the demands of today's fast changing world.

We help our customers worldwide manage the power they need for buildings, aircraft, trucks, cars, machinery and entire businesses. And we do it in a way that consumes fewer resources.

Next generation transportation

Eaton is driving the development of new technologies – from hybrid drivetrains and emission control systems to advanced engine components – that reduce fuel consumption and emissions in trucks and cars.

Higher expectations

We continue to expand our aerospace solutions and services to meet the needs of new aviation platforms, including the high-flying light jet and very light jet markets.

Building on our strengths

Our hydraulics business combines localized service and support with an innovative portfolio of fluid power solutions to answer the needs of global infrastructure projects, including locks, canals and dams

Powering Greener Buildings and Businesses

Eaton's Electrical Group is a leading provider of power quality, distribution and control solutions that increase energy efficiency and improve power quality, safety and reliability. Our solutions offer a growing portfolio of "green" products and services, such as energy audits and real-time energy consumption monitoring. Eaton's Uninterruptible Power Supplies (UPS), variable-speed drives and lighting controls help conserve energy and increase efficiency.



Eaton's knowledge and understanding of industries, applications, technology, and products enables us to offer customers safe, reliable, and high performance solutions.

We have always been part of the creation of new Low and Medium Voltage Switchgear technology, and that experience is in each and every one of us.

Eaton's Low Voltage Systems can meet the needs of any installation

Eaton Low Voltage Systems are designed to be as space and energy efficient as possible while maintaining easy access for installation, operation and maintenance. Low Voltage Systems from Eaton are highly standardized systems supported by quick configurations, quoting facilities, and fast deliveries.

Eaton's comprehensive low voltage system product portfolio has been specifically designed to meet the needs of all types of installations. The extensive portfolio includes: Power Supply and Control Assemblies), Package Substations, Main and Sub-Main Switchboards, Busbar Trunking, Motor Control Centres, Power Factor Correction, and Engineered Assemblies.

As might be expected from such a comprehensive portfolio, Eaton's low voltage power distribution and control systems have been used in applications, such as: Water industries, Pharmaceutical industries, Industrial facilities, Food & Beverage, Infrastructure projects, Mining & Steel industry and Commercial applications such as: Shops, Schools, Hospitals, Warehouses, Hotels, Prisons, Data centers, and Sport stadiums.

Reliable, safe and standardized design

Eaton's range of low voltage systems not only provides you with optimum power distribution and motor control functionalities, they meet your most demanding requirements for safety and flexibility. When it comes to safety, Eaton's low voltage systems offer the highest level of protection.



xEnergy Low-voltage switchgear assemblies



Reliable quality built upon Eaton advanced technology and global expertise

xEnergy was built upon Eaton's 100 - years - long history and and in - depth expertise in developing low voltage system. The xEnergy system consists of the-state-of-the-art power distribution components from a range of notable Eaton legacy brands, such as Culter-Hammer, Westinghouse, Holec, MEM and Moeller..etc., which ensures its high performance and reliability.

Service advantage

- Customized solutions range from application consulting, engineering services to turnkey project management.
- Modular design enables easy installation and operation and shortened lead time.
- Quick-response after-service is guaranteed by Eaton's experienced after-service team which ensures in the case of product failure notification, response with 8 hours and on-site service within 12 hours.
- Regular stock of spare parts and key components remains in our warehouse to meet customer routine and urgent requirements.

The xEnergy is Eaton's latest low voltage switchgear system for applications up to 6,300A. The high quality and reliability of xEnergy system is verified by testing according to GB 7251 standards and other compulsory testing. It offers turnkey solutions in a variety of low voltage applications, such as utility, data center, mining, petrochemicals, commercial buildings and airports...etc.









Features and Benefits

Reliability

- Tested in compliance with GB7251.1 standard
- Tested in compliance with GB7251.1 standard:
 - Temperature limit
 - Short-circuit endurance capacity
 - Dielectrical property
 - Electric clearance and creepage distance
 - Protective circuit validity
 - Mechanical operation
 - Protection grade
- Manufactured by Eaton in accordance with ISO 9000-14000
- Comprised by Eaton's high-quality components to ensure the optimal operation

Safety

- Main busbar rated current up to 6300A, rated short-circuit withstand current up to 100kA/s
- The interlocking mechanism ensures the safety of operating personnel. Automatic door interlocking of all outgoing feeder sections prevents access or removal when the switch is in the ON position

- Distribution busbars are protected to IP2X when the drawer is removed. An optional Automatic Shutter Mechanism can be mounted to provide additional safety
- Eaton's arc fault protection systems ARCON and ARMS are available as optional to provide the maximum safety
- Full internal separation of all functional units designed in accordance with Form 3b or 4b to ensure the personnel safety and prevent the expansion of the accidents.

Flexibility

- Modular design. The drawers of the same units can be exchanged between different positions and the upright components can be commonly used to save the assembly time and cost.
- The special Ω shape type materials used to build the xEnergy ensure the high strength, easy installation, large volume production of the system
- Compact size, small footprint with optimum space utilisation thanks to the high packing density. Max. 36 circuit units can be installed in one section.
- Easy to extend and upgrade. Can be extended to both sides as needed.
- Flexible cable connections. The incoming cables can be connected from side, top and bottom, and the outgoing cables can be connected from side and back.

xEnergy System Electrical Parameters

Main Technical Data

Item	Unit	Value
Standard		GB 7251.1/IEC60439
Ambient temperature	°C	-5 ℃ to +40 ℃
Rated insulation voltage	V	1000V
Rated operation voltage	V	400V/690V (1000V)
Rated frequency	Hz	50Hz/60Hz
Main busbar rated current	А	up to 6300A
Main busbar rated withstand current (short-time)	kA	up to 100kA(1s)
Main busbar rated withstand current (peak)	kA	up to 220kA
Vertical distribution busbar rated current	А	up to1800A
Protection grade		IP4X / IP55*
Form of internal separation		Form1 to Form4b
Form of distribution system		TN-C, TN-C-S, TN-S, TT, IT
Material grade		Illa
Overvoltage category		III or IV
Dimension	mm	height: 2200
		Depth: 600, 800, 1000, 1200
		Width:600/650/800/1000/1200/1400
Exterior color		RAL7035 (Please contact us for color options)



xEnergy Product Types









XP power sections

Applications:

- Incoming
- · Board frame feed
- · Parallel busbar routing
- In-line busbar routing

Key Components:

- Air Circuit Breaker: IZM91/97/99 series (up to 6300A)
- Molded Case Circuit Breaker: NZM series (up to 1600A)

Installation:

- Fixed mounted and withdrawable units
- 1800mm totally available room, up to 75 modulus of 25mm
- 300mm height of the main busbar compartment, incoming cable can be connected from side, top and bottom
- Cable and busbar can be connected from top or bottom
- Circuit breaker is installed in a separated room with a private door
- Can be placed adjacent to the wall or in the middle of switching room.
- Width of the Cabinet: 600mm/800mm/1000mm 1200mm/1400mm.

XF fixed mounted sections

Applications:

- · Distribution feeder
- Direct-on-line engine
- Reversible start engine
- Star-delta starting engine

Key Components:

- Motor protective circuit breakers PKZ series (0.16 ~ 32A)
- Moulded case circuit breaker LZM series (up to 630A), NZM series (up to 1600A);
- Low power contactor DILM series (7~170A), large power contactor DILM series (185~1600A);
- Thermal relay ZB series.

Installation:

- Mounted baseplates on the circuit breakers is available. Support hot-plug, easy to maintain;
- Each circuit unit has a small independent door;
- Interlocking operating handles and unit doors enable door open only after the main switch is off.
- 1800mm totally available room. For 250A and lower, the dimension of each compartment is 200mm high, 600mm wide . For 250A to 630A, the dimension of each compartment is 250mm high, 800mm wide.
- The max. current of vertical busbars is up to 1800A;

XW withdrawable sectionss

Applications:

- · Distribution feeder
- Direct-on-line engine
- Reversible start engine
- Star-delta starting engine

Key Components:

- Motor protective circuit breakers PKZ series (0.16~32A)
- Moulded case circuit breaker LZM series (up to 630A), NZM series (up to 1600A);
- Low power contactor DILM series (7~170A);
- Thermal relay ZB series.

Installation:

- Up to 36 units can be installed in one section. The current of ¼ drawer is 0-32A, the current of ½ drawer is 32-63A, the current of one drawer is 63-250A. The height of each drawer is 200mm.
- Interlocking operating handles and unit doors enable door open only after the main switch is off.
- The maximum current of vertical busbars up to 1800A;
- The width of rear outgoing cable compartment: 650mm;
- The width of side outgoing cable compartment: 1000mm;
- Units can be easily exchanged without disconnecting the power or control cabling.

XG freely configurable sections

Applications:

- Reactive Compensation
- Frequency Conversion panel
- Soft starter panel

Key Components:

- Private contactor of thyristor switched capacitor(MSC)
- Frequency converter SLX (1-30kW) SVX (0.75-560kW) SPX (0.75-2000kW)
- Soft starter S801/S811 (37-1000A)

Installation:

- Larger mounting space and design flexibility;
- Suitable for guide installation.

Basic Design



Panel Frames

The xEnergy system is modular in construction, comprising 25mm modular structure profiles. It is a self supporting structure by the base (top) plate welded by crossbeam, carling and wiring board. Easy to socket and put into mass production.

Depth and Width

The xEnergy system can be assembled to various width or depth through different combination of basic frames.

Basic frames - depth 600mm

800mm

1000mm

1200mm

The width of basic frame

600mm (XP Cabinet type)

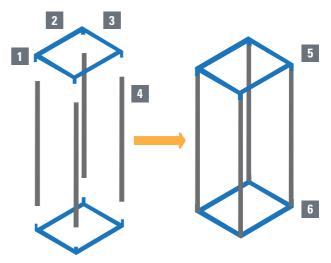
650mm (XW/XF Cabinet type of rear outgoing cable)

800mm (XP Cabinet type)

1000mm (XP Cabinet type, XW/XF Cabinet type of rear outgoing cable)

1200mm (XP Cabinet type)

1400mm (XP Cabinet type)



- 1. Wiring board
- 2. Carling
- 3. Crossbeam
- $4.\,\Omega$ shape backbone
- 5. Top plate
- 6. Base plate

Internal Compartments

The xEnergy system comprises three major fully separated areas

Busbar section:



The main busbar up to 5000A is located at the rear-upper side of the structure, the main busbar of 6300A is located at the rear-lower side of the structure, the vertical busbar is located at the rear of the structure.

Cabling section



The cable wiring is located in a fully segregated cable chamber housing. For the feeder unit, the cable chamber housing can be located at the rear of the structure (rear outgoing line) or at the side of the structure (side outgoing line).

Functional unit section



Located at the front where the withdrawable functional units are fitted, such as MCCB, drives, capacitors.

Draw Out Units

xEnergy system has the highest density of withdrawable circuit units, and up to 36 withdrawable current loop can be installed in one panel. The outgoing units are available in the following heights based on a 25mm height pitch:



- 1, The drawer has three indications which precisely display "SEPARATE", "TEST", and "CONNECT" status.
- 2, All drawers are equipped with manual operating handle which promises labor-saving and personnel safety. To avoid live line working, the manual operating handle cannot be plugged in unless operating handle is in "OFF" position.

Feeder current Withdrawable Units

0-32A	1/4drawer (200mm)
32-63A	1/2drawer (200mm)
63-250A	1unit drawer (200mm)
250-630A	2unit drawer (400mm)



- 3, The keyhole of withdrawable door is equipped with reliable mechanical interlocks to ensure the personnel safety by avoiding opening the withdrawable door when the operating handle is in "ON" position.
- 4, The anti-fall mechanism can avoid the drawer falling down if the operator gives a tug.
- 5, The shutter mechanism can protect operators from touching the charged body accidentally when pulling out the drawer. The shielding can separate the busbar automatically.

Main Busbar System

xEnergy main busbars are located in a separate compartment in the rear of panel to maximize the safety distance between the busbars and the operators. The busbar is covered with tin to enhance its electrical conductivity.

The main busbar up to 5000A is located at the rear-upper side of the structure, the main busbar of 6300A is located at the rear-lower side of the structure, the vertical busbar is located at the rear of the structure. Phases A/B/C are in alternating position to limit the electrodynamic force. The rated short circuit withstand current of the main busbars is up to 100kA/s.

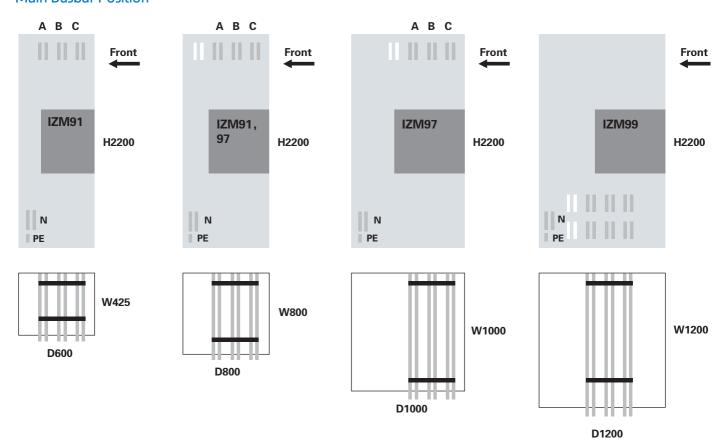
The modular busbar clamp is easy to set up. It can provide a flexible combination according to different busbar size and system requirement.







Main Busbar Position





Form Of Internal Separation

GB Standards define the various forms of internal separation. The form of internal separation determines how busbars, functional units and terminals are separated from each other. xEnergy system provides separation in both Form 3b and 4b solutions.

Form 3b solution is defined as: the separation of terminals for external conductors from the functional units, but not from those of other functional units.

Form 4b solution is defined as: the separation of the terminals for external conductors associated with a functional unit from those of any other functional unit and the busbars.

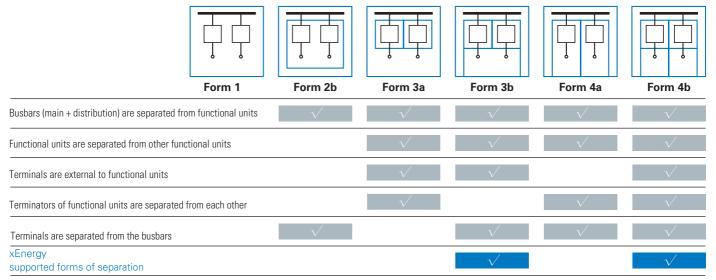








Internal separation in accordance with GB7251



The difference between Form 3b and Form 4b is whether the terminals for outgoing conductors are separated from each other. xEnergy in Form 4b, terminators are separated from each other by the glass shield in purpose of:

- 1, Guaranteed safety in the maintenance operation.
- 2, High visibility of connection status of the cable outgoing line terminations through the transparent mask.
- 3, Guaranteed safety because outgoing cables coming out from the side of the transparent task are tied to the side of the cabinet so as to ensure tidiness of cabling.

Arcflash Reduction Maintenance System™

A circuit breaker equipped with an Arcflash Reduction Maintenance System™ (ARMS) can improve safety by providing a simple and reliable method to reduce fault clearing time. The ARMS unit uses a separate analog trip circuit that provides faster interruption times than the standard (digital) "instantaneous" protection. Work locations downstream of a circuit breaker with an ARMS unit can have a significantly lower incident energy level, thus protecting operating personnel.





Benefits of Arcflash Reduction Maintenance System™ are:

- Increased personnel safety by limiting the available arc flash energy.
- Enabled with the circuit breaker door closed by a door mounted lockable switch or through communication to the breakers trip unit.
- Enabled only for the time required to perform the work.
- Preserves overcurrent coordination under normal conditions.

ARCON® Arc Fault Protection System

Eaton's patented Arc Fault Protection System ARCON provides the highest level of safety for personnel and system.

Reaction faster than lightning

Arc fault protection system ARCON® uses unique sensors to detect arc. When sensors react to the arc, an electronics analysis unit will give the trip-free command to arc control device and incoming circuit breaker.

ARCON® system react faster than lightning. It can extinguish the arc within 5ms so as to prevent the serious consequences.

ARCON® system equipped with sensors and analysis unit (excluding the arc control device) can also extinguish a certain magnitude by enabling the incoming circuit breaker to trip.

Avoid damage

ARON® system effectively limits the arc energy and discharges accidental arcing in less than 2ms. After remedying errors and replacing the discharge device, the system is ready for continued service.

ARCON® system can control both primary arc caused by short-circuit current and secondary arc caused by overcurrent. As a result, the production downtime and financial loss will be significantly reduced.



- 1. Light sensor
- 3. Arc quenching device
- 2. Analytical unit
- 4. Circuit breaker

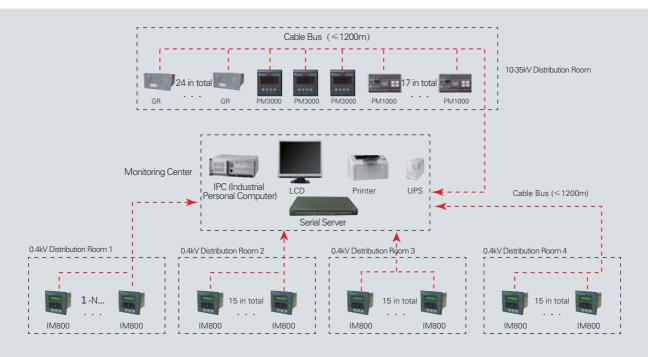
Intelligent Switchgear

With Eaton's Power Xpert Power Management Solutions, xEnergy switchgear system can achieve energy management, data monitoring and safety more effectively.

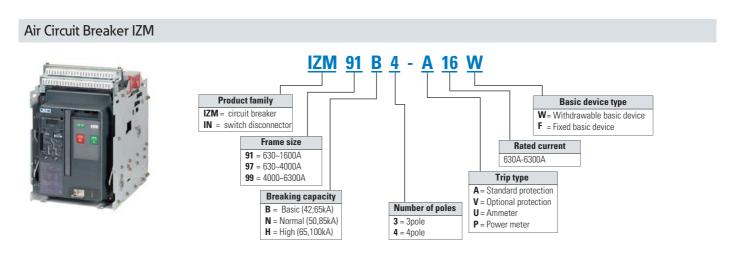
Eaton's proven components and devices, such as the intelligent trip unit of IZM and NZM circuit breakers, Power Xpert 3000 series and IQ series metering devices which provide real-time status display of each live unit, tender illustration and event recording, works together as an intelligent power management solution.



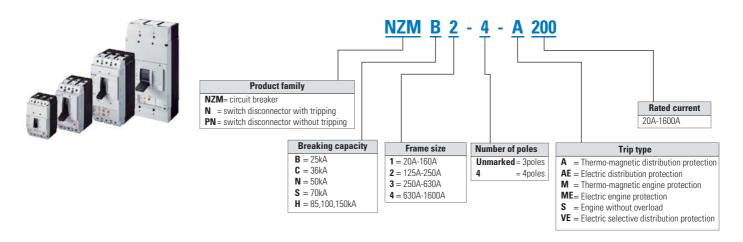




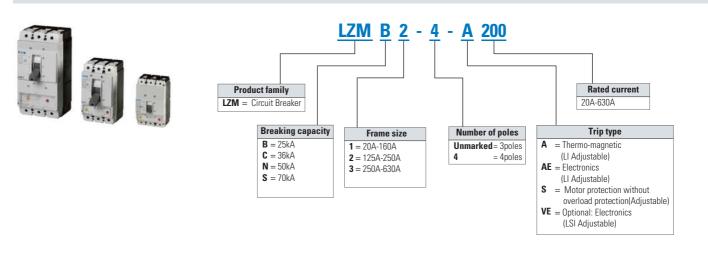
Low voltage Power Distribution Component Selection Guide



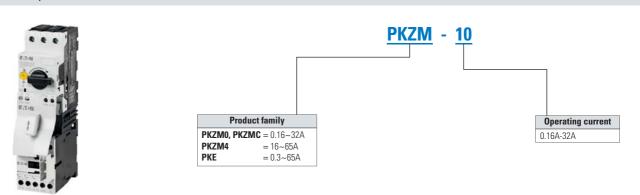
Molded case circuit breaker NZM



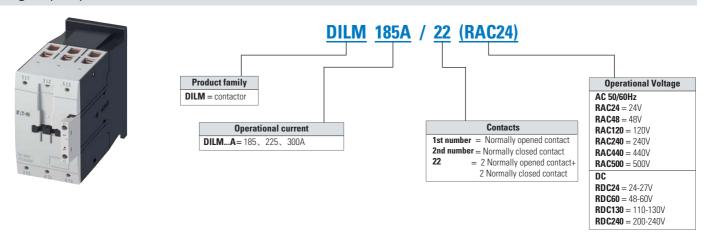
Molded case circuit breaker LZM



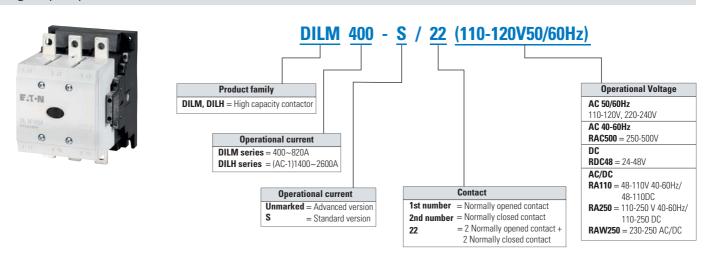
Motor-protective circuit-breakers PKZ



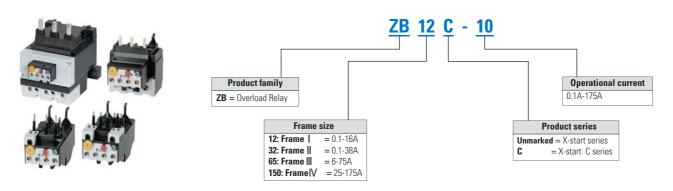
High Capacity Contactors DILM (185 ~ 300A)



High Capacity Contactors DILM

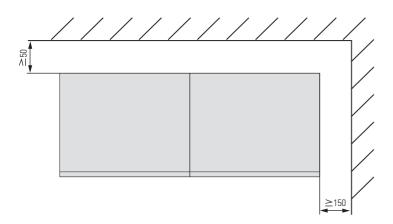


Overload Relay ZB

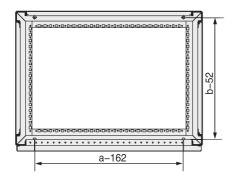


xEnergy Mounting Diagram

Mounting floor plan (Rear≥50mm, Side≥150mm)



Plinth Planform



Mounting Size: Width a-162;

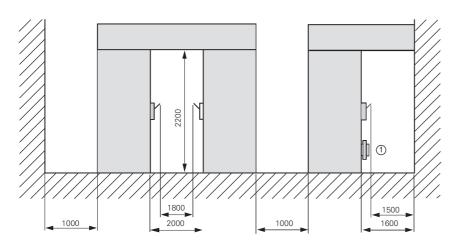
Depth b-52

Mounting Hole: 4-Φ12

Depth a: 600,650,800,1000,1200,1400

Width b: 600,800,1000,1200

Operation and maintenance space



Options (Single/Board Frame Feed, busbar trunking)

		1A	1B	1C	1D	1E	1F	1G	1H	11	1J	1K
					:							
Option 1					\	ļ						
Sption 1					:	¥.						
					Φ	фф						
Application					Single/Boa	rd Frame Fe	ed					
Rated Current (A)		630	800	1000	1250	1600	2000	2500	3200	4000	5000	6300
Breaking Capacity (kA)	IZM91(B/N/H)	42/50/65	42/50/65	42/50/65	42/50/65	42/50/65						
	IZM97(B/N/H)		65/85/100	65/85/100	65/85/100	65/85/100	65/85/100	65/85/100	65/85/100	65/85/100		
	IZM99(N/H)									85/100	85/100	85/100
Main components	IZM91-630	1										
	IZM91/97-800		1									
	IZM91/97-1000			1								
	IZM91/97-1250				1							
	IZM91/97-1600					1						
	IZM97-2000						1					
	IZM97-2500							1	4			
	IZM97-3200								1			
	IZM97/99-4000									1		
	IZM99-5000										1	
	IZM99-6300											1
Height module of room (1												
Width of panel (mm)	3poles	600	600	600	600	600	800	800	1000	1000	1200	1200
	4poles	600	600	600	600	600	800	800	1000	1000	1400	1400
Ontion 1		2Λ	2R	20	20	2F	2E	2 C	211	21	21	214
Option 1		2A	2B	2C	2D	2E	2F	2G	2H	21	2J	2K
Option 1		2A	2B	2C	2D	2E	2F -	2G	2H	21	2J	2K
Option 1 Option 2		2A	2B	2C	2D	2E	2F	2G	2Н	21	2J	2K
		2A	2B	20	2D	2E	2F	2 G	2Н	21	2J	2K
		2A	2B	2C	2D		2F	2G	2H	21	2J	2K
Option 2		2A	2B	2C	Φ		_	2 G	2H	21	2J	2K
Option 2 Application		2A 630	2B	2C	Φ	> ф	_	2G 2500	2H 3200	21	2J 5000	2K
	IZM91(B/N/H)				ф ф Вus	ф o ф	_					
Option 2 Application Rated Current (A)	IZM91(B/N/H) IZM97(B/N/H)	630	800	1000	Ф (Виз 1250	sbar trunking	_					
Option 2 Application Rated Current (A)		630	800 42/50/65	1000 42/50/65	Ф ф ф Виз 1250 42/50/65	ь bar trunking 1600 42/50/65	2000	2500	3200	4000		
Option 2 Application Rated Current (A)	IZM97(B/N/H)	630	800 42/50/65	1000 42/50/65	Ф ф ф Виз 1250 42/50/65	ь bar trunking 1600 42/50/65	2000	2500	3200	4000	5000	6300
Option 2 Application Rated Current (A) Breaking Capacity (kA)	IZM97(B/N/H) IZM99(N/H)	630 42/50/65	800 42/50/65	1000 42/50/65	Ф ф ф Виз 1250 42/50/65	ь bar trunking 1600 42/50/65	2000	2500	3200	4000	5000	6300
Option 2 Application Rated Current (A) Breaking Capacity (kA)	IZM97(B/N/H) IZM99(N/H) IZM91-630	630 42/50/65	800 42/50/65 65/85/100	1000 42/50/65	Ф ф ф Виз 1250 42/50/65	ь bar trunking 1600 42/50/65	2000	2500	3200	4000	5000	6300
Option 2 Application Rated Current (A) Breaking Capacity (kA)	IZM97(B/N/H) IZM99(N/H) IZM91-630 IZM91/97-800	630 42/50/65	800 42/50/65 65/85/100	1000 42/50/65 65/85/100	Ф ф ф Виз 1250 42/50/65	ь bar trunking 1600 42/50/65	2000	2500	3200	4000	5000	6300
Option 2 Application Rated Current (A) Breaking Capacity (kA)	IZM97(B/N/H) IZM99(N/H) IZM91-630 IZM91/97-800 IZM91/97-1000	630 42/50/65	800 42/50/65 65/85/100	1000 42/50/65 65/85/100	Bus 1250 42/50/65 65/85/100	ь bar trunking 1600 42/50/65	2000	2500	3200	4000	5000	6300
Option 2 Application Rated Current (A) Breaking Capacity (kA)	IZM97(B/N/H) IZM99(N/H) IZM91-630 IZM91/97-800 IZM91/97-1000 IZM91/97-1250	630 42/50/65	800 42/50/65 65/85/100	1000 42/50/65 65/85/100	Bus 1250 42/50/65 65/85/100	bar trunking 1600 42/50/65 65/85/100	2000	2500	3200	4000	5000	6300
Option 2 Application Rated Current (A) Breaking Capacity (kA)	IZM97(B/N/H) IZM99(N/H) IZM91-630 IZM91/97-800 IZM91/97-1000 IZM91/97-1250 IZM91/97-1600	630 42/50/65	800 42/50/65 65/85/100	1000 42/50/65 65/85/100	Bus 1250 42/50/65 65/85/100	bar trunking 1600 42/50/65 65/85/100	2000 65/85/100	2500	3200	4000	5000	6300
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Option 2 Application Rated Current (A) Breaking Capacity (kA)	IZM97(B/N/H) IZM99(N/H) IZM91-630 IZM91/97-800 IZM91/97-1000 IZM91/97-1250 IZM91/97-1600 IZM97-2000 IZM97-2500	630 42/50/65	800 42/50/65 65/85/100	1000 42/50/65 65/85/100	Bus 1250 42/50/65 65/85/100	bar trunking 1600 42/50/65 65/85/100	2000 65/85/100	2500 65/85/100	3200	4000	5000	6300
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Option 2 Application Rated Current (A) Breaking Capacity (kA)	IZM97(B/N/H) IZM99(N/H) IZM91-630 IZM91/97-800 IZM91/97-1000 IZM91/97-1250 IZM91/97-1600 IZM97-2000 IZM97-2500 IZM97-3200 IZM97/99-4000	630 42/50/65	800 42/50/65 65/85/100	1000 42/50/65 65/85/100	Bus 1250 42/50/65 65/85/100	bar trunking 1600 42/50/65 65/85/100	2000 65/85/100	2500 65/85/100	3200	4000 65/85/100 85/100	5000 85/100	6300
Application Rated Current (A) Breaking Capacity (kA) Main components	IZM97(B/N/H) IZM99(N/H) IZM91-630 IZM91/97-800 IZM91/97-1000 IZM91/97-1250 IZM97/97-1600 IZM97-2000 IZM97-2500 IZM97-3200 IZM97-3200 IZM97-99-4000 IZM99-5000 IZM99-6300	630 42/50/65	800 42/50/65 65/85/100	1000 42/50/65 65/85/100	Bus 1250 42/50/65 65/85/100	bar trunking 1600 42/50/65 65/85/100	2000 65/85/100	2500 65/85/100	3200	4000 65/85/100 85/100	5000 85/100	6300
Option 2 Application Rated Current (A) Breaking Capacity (kA)	IZM97(B/N/H) IZM99(N/H) IZM91-630 IZM91/97-800 IZM91/97-1000 IZM91/97-1250 IZM97/97-1600 IZM97-2000 IZM97-2500 IZM97-3200 IZM97-3200 IZM97-99-4000 IZM99-5000 IZM99-6300	630 42/50/65	800 42/50/65 65/85/100	1000 42/50/65 65/85/100	Bus 1250 42/50/65 65/85/100	bar trunking 1600 42/50/65 65/85/100	2000 65/85/100	2500 65/85/100	3200	4000 65/85/100 85/100	5000 85/100	6300

Options (Double/triple Frame Feeds)

Option 1		3A	3B	3C	3D	3E	3F	3 G
Option 1			—————————————————————————————————————	φφφφ				
Application			Double	e frame feed	ls			
Rated Current (A)		630	800	1000	1250	1600	2000	2500
Breaking Capacity (kA)	IZM91(B/N/H)	42/50/65	42/50/65	42/50/65	42/50/65	42/50/65		
	IZM97(B/N/H)		65/85/100	65/85/100	65/85/100	65/85/100	65/85/100	65/85/100
	IZM99(N/H)							
Main components	IZM91-630	2						
	IZM91/97-800		2					
	IZM91/97-1000			2				
	IZM91/97-1250				2			
	IZM91/97-1600					2		
	IZM97-2000						2	
	IZM97-2500							2
	IZM97-3200							
	IZM97/99-4000							
	IZM99-5000							
	IZM99-6300							
Height module of room (1)	HU=25mm)							
Width of panel (mm)	3poles	800	800	800	800	800	1000	1000
	4poles	800	800	800	800	800	1000	1000

Option 1		4A	4B	4C	4D	4E
Option 2			* * * * * * * * * * * * * * * * * * *	↑ ↑ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦		
Application			Triple fi	ame feeds		
Rated Current (A)		630	800	1000	1250	1600
Breaking Capacity (kA)	IZM91(B/N/H)	42/50/65	42/50/65	42/50/65	42/50/65	42/50/65
	IZM91-630	3				
	IZM91-800		3			
Main components	IZM91-1000			3		
	IZM91-1250				3	
	IZM91-1600					3
Height module of room (1)	HU=25mm)					
Width of panel (mm)	3poles	800	800	800	800	800
	4poles	800	800	800	800	800

Primary system recommended option (Capacitor Box, Feed-XF)

	5A	5B	5C	5D	5E	5F
			١ ١	T		
			Reactive Co	mpensation		
(kvar)	150	200	250	300	350	400
QSA-300/400/500/630/800	1	1	1	1	1	1
DILK25	6					
DILK50		4	5	6	7	8
Capacitor 25kvar	6					
Capacitor 50kvar		4	5	6	7	8
(1HU=25MM)						
	800	800	800	1000	1000	1000
	QSA-300/400/500/630/800 DILK25 DILK50 Capacitor 25kvar Capacitor 50kvar	(kvar) 150 OSA-300/400/500/630/800 1 DILK25 6 DILK50 Capacitor 25kvar 6 Capacitor 50kvar (1HU=25MM)	(kvar) 150 200 OSA-300/400/500/630/800 1 1 DILK25 6 DILK50 4 Capacitor 25kvar 6 Capacitor 50kvar 4 (1HU=25MM)	Reactive Co (kvar) 150 200 250 OSA-300/400/500/630/800 1 1 1 DILK25 6 DILK50 4 5 Capacitor 25kvar 6 Capacitor 50kvar 4 5 (1HU=25MIM)	Reactive Compensation	Reactive Compensation

Option 2		6A	6B	6C	6D	6E	6F	6G	6H	6I	6J	6K	6L	6M
Option 2							***							
Application						Plu	ggable Feed							
Rated Current (A)		0.16-4	6.3-16	20-32		32-63	80	100	125	160	200	250	400	630
Breaking Capacity (kA)	PKZMC	65	16	12										
	L(N)ZM1				25/36/50/70/100	25/36/50/70/100	25/36/50/70/100	25/36/50/70/100	25/36/50/70/100	25/36/50/70/100				
	L(N)ZM2										25/36/50/70/150	25/36/50/70/150		
	L(N)ZM3												25/36/50/70/150	25/36/50/70/15
Main components	PKZMC	1	1	1										
	L(N)ZM1				1	1								
	L(N)ZM1-80						1							
	L(N)ZM1-100	1						1						
	L(N)ZM1-125	i							1					
	L(N)ZM2-160)								1				
	L(N)ZM2-200)									1			
	L(N)ZM3-250)										1		
	L(N)ZM3-400)											1	
	L(N)ZM3-630)												1
Height module of room (1HU=25mm)	8	8	8	8	8	8	8	8	8	8	8	10	10
Width of compartment	3 poles	650	650	650	650	650	650	650	650	650	650	650	650	650
Width of panel(mm)	rear outgoing	650	650	650	650	650	650	650	650	650	650	650	650	650
	side outgoing	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Options (Direct-on-line Motor Starter -XF, Reversible Motor Starter - XF)

Option 1		7A	7B	7C	7D	7E	7F	7G	7H	71	7J	7K	7L	7M	7N	70	7P	70
Option 1									\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\									
application								Direc	∵ ct-on-line m	otor starter								
Notor Power (kW)		0.06-4	5.5-7.5	11	15	18.5	22	30	37	45	55	75	90	110	132	160	200	250
reaking Capa-	PKZMC	16/65	16	12	12													
ity (kA)	PKZM4					50/150	50/150	50/150										
	L(N)ZM1								25/36/50/70/100	25/36/50/70/100	25/36/50/70/100	25/36/50/70/100	ı					
	L(N)ZM2								,,,,,,	7.4.7.7	4.4.4	,,,,,,,	25/36/50/70/1	50				
Main components		1	1	1	1													
	PKZM4					1	1	1										
	L(N)ZM1					•	*	•	1	1	1	1						
	L(N)ZM2								•		•	•	1					
		DILM9C	DII M17C	DILM25C	DILM32C	DILM40C	DILM50C	DILM65C	DILM80C	DILM95C	DILM115C	DILM150C	DILM170C	DII M225	DII M250	DILM300	DII MANO	DII MEN
	ZB	ZB12C	ZB32C	ZB32C	ZB32C	ZB65C	ZB65C	ZB65C	ZB150C	ZB150C	ZB150C	ZB150C	ZB150C	DILIVIZZO	DILIVIZOU	DILIVIOUU	DILIVI400	י טונואוטטי
leight model of roon			8	8	8	8	8	8	8	8	8	8	10					
Vidth of compart-																		
nent (mm)		650	650	650	650	650	650	650	650	650	650	650	650					
Vidth of panel	rear outgoing		650	650	650	650	650	650	650	650	650	650	650					
nm)								1000	1000	1000	1000	1000	1000					
mm)	side outgoing	1000	1000	1000	1000	1000	1000											
Option 2	side outgoing	8A	8B	8C	8D	8E	8F	8G	8H	81	8J	8K	8L	8M	8N	80	8P	80.
Option 2	side outgoing													8M	8N	80	8P	80
Option 2 Option 2	side outgoing							8G	8H	81				8M	8N	80	8P	80
Option 2 Option 2 Option 2	side outgoing							8G	8H	81				8M	8N	80	8P	80
Option 2 Option 3 Option 2 Option 3 Option 3 Option 4 Option 5 Option 6 Option 6 Option 6 Option 7 Opt	PKZMC	8A	8B	8C	8D	8E	8F	8G Reve	8H	8I r starter	8J	8K	8L					
Option 2 Option 3 Option 2 Option 3 Option 3 Option 4 Option 5 Option 6 Option 6 Option 6 Option 7 Opt		8A	8B 5.5-7.5	8C	8D	8E	8F	8G Reve	8H	8I r starter	8J	8K	8L					
	PKZMC	8A	8B 5.5-7.5	8C	8D	8E	8F	Reve	8H rsible moto	8I r starter	8.J 55	8K	8L					
Option 2 Option 3 Option 2 Option 3 Option 3 Option 4 Option 5 Option 6 Option 6 Option 6 Option 7 Opt	PKZMC PKZM4	8A	8B 5.5-7.5	8C	8D	8E	8F	Reve	8H rsible moto	8I r starter 45	8.J 55	8K	8L	110				
Option 2 Option 3 Option 2 Option 3 Option 4 Option 2 Option 3 Option 4 Option	PKZMC PKZM4 L(N)ZM1	8A	8B 5.5-7.5	8C	8D	8E	8F	Reve	8H rsible moto	8I r starter 45	8.J 55	8K	8L	110				
Option 2 Option 3 Option 2 Option 3 Option 3 Option 4 Option 3 Option 4 Option	PKZMC PKZM4 L(N)ZM1 L(N)ZM2	0.06-4 16/65	8B 5.5-7.5 16	11 12	8D 15 12	8E	8F	Reve	8H rsible moto	8I r starter 45	8.J 55	8K	8L	110				
Option 2 Option 3 Option 2 Option 3 Option 3 Option 4 Option 3 Option 4 Option	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZMC PKZM4	0.06-4 16/65	8B 5.5-7.5 16	11 12	8D 15 12	18.5 50/150	8F 22 50/150	Reve 30 50/150	8H rsible moto	8I r starter 45	8.J 55	8K	8L	110				
Option 2 Option 3 Option 2 Option 3 Option 3 Option 4 Option 3 Option 4 Option 4 Option 4 Option 4 Option 4 Option 5 Option 6 Option 7 Opt	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZMC PKZM4 L(N)ZM1	0.06-4 16/65	8B 5.5-7.5 16	11 12	8D 15 12	18.5 50/150	8F 22 50/150	Reve 30 50/150	8H rsible motor 37 25/96/50/70/100	r starter 45 25/36/50/70/100	8.J 55 25/36/50/70/100	75 25/36/50/70/100	90 25/36/50/70/1	110				
Option 2 Option 3 Option 2 Option 3 Option 3 Option 4 Option 3 Option 4 Option	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZM4 L(N)ZM2 L(N)ZM1 L(N)ZM2 L(N)ZM2 L(N)ZM2 L(N)ZM2 L(N)ZM3 L(N)	0.06-4 16/65	8B 5.5-7.5 16	11 12	15 12	18.5 50/150	22 50/150	Reve 30 50/150	8H rsible motor 37 25/36/50/70/100	81 r starter 45 25/36/50/70/100	8.J 55 25/36/50/70/100	75 25/36/50/70/100	90 25/38/50/70/1	110	132	160	200	250
Option 2 Option 3 Option 2 Option 3 Option 3 Option 4 Option 3 Option 4 Option	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZM4 L(N)ZM1 L(N)ZM2 DIL	0.06-4 16/65	5.5-7.5 16	11 12 1 DILM25C	15 12 1	18.5 50/150	22 50/150	Reve 30 50/150 1	8H rsible motor 37 25/36/50/70/100 1 DILM80C	81 r starter 45 25/36/50/70/100 1 DILM95C	8J 55 25/38/50/70/100 1 DILM115C	75 25/36/50/70/100	90 25/36/50/70/1	110	132	160	200	250
Option 2 Option 3 Option 2 Option 3 Option 2 Option 3 Option 3 Option 3 Option 3 Option 3 Option 4 Option 3 Option 3 Option 4 Option 3 Option 3 Option 4 Option 3 Option 4 Option 4 Option 3 Option 4 Option 4 Option 5 Option 6 Option 6 Option 6 Option 6 Option 6 Option 7 Opt	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZM4 L(N)ZM1 L(N)ZM2 DIL ZB	0.06-4 16/65 1 DILM9C ZB12C	5.5-7.5 16 1 DILM17C ZB32C	11 12 1 1 DILM25C ZB32C	15 12 1 DILM32C ZB32C	18.5 50/150 1 DILM40C ZB65C	22 50/150 1 DILM50C ZB65C	Reve 30 50/150 1 DILM65C ZB65C	### ### ### ### ### ### ### ### ### ##	88 r starter 45 25/36/50/70/100 1 DILM95C ZB150C	8.J 55 25/36/50/70/100 1 DILM115C ZB150C	8K 75 25/36/50/70/100 1 DILM150C ZB150C	90 25/39/50/70/1 1 DILM170C ZB150C	110	132	160	200	250
Option 2 Application Anotor Power (kW) reaking Capatry (kA) Anin components	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZM4 L(N)ZM1 L(N)ZM2 DIL ZB 1(1HU=25mm)	0.06-4 16/65 1 DILM9C ZB12C 8	5.5-7.5 16 1 DILM17C ZB32C 8	11 12 1 DILM25C ZB32C 8	15 12 1 1 DILM32C ZB32C 8	18.5 50/150 1 1 DILM40C ZB65C 8	22 50/150 1 DILM50C ZB65C 8	Reve 30 50/150 1 DILM65C ZB65C 8	### 1	88 r starter 45 25/36/50/70/100 1 DILM95C ZB150C 10	8.J 55 25/36/50/70/100 1 DILM115C ZB150C 8	75 25/36/50/70/100 1 DILM150C ZB150C 10	90 25/36/50/70/1 1 DILM170C ZB150C 12	110	132	160	200	250
Option 2 Option 3 Option 2 Option 3 Option 4 Option 3 Option 4 Opt	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZM4 L(N)ZM1 L(N)ZM1 L(N)ZM2 DIL ZB (IHU=25mm) 3 poles	0.06-4 16/65 1 DILM9C ZB12C 8 650	\$.5-7.5 16 1 DILM17C ZB32C 8 650	11 12 1 DILM25C ZB32C 8 650	15 12 1 1 DILM32C ZB32C 8 650	18.5 50/150 1 DILM40C ZB65C 8 650	22 50/150 1 DILM50C ZB65C 8 650	Reve 30 50/150 1 DILM65C ZB65C 8 650	### 1	### 1	8.J 55 25/36/50/70/100 1 1 DILM115C ZB150C 8 650	75 25/36/50/70/100 1 DILM150C ZB150C 10 650	90 25/36/50/70/1 1 DILM170C ZB150C 12 650	110	132	160	200	250
Option 2 Option 3 Option 2 Option 3 Option 4 Option 2 Option 4 Option 4 Option 5 Option 5 Option 6 Option 6 Option 6 Option 7 Opt	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZM4 L(N)ZM1 L(N)ZM2 DIL ZB 1(1HU=25mm)	0.06-4 16/65 1 DILM9C ZB12C 8 650	\$B\$ 5.5-7.5 16 1 DILM17C ZB32C 8	11 12 1 DILM25C ZB32C 8	15 12 1 1 DILM32C ZB32C 8	18.5 50/150 1 1 DILM40C ZB65C 8	22 50/150 1 DILM50C ZB65C 8	Reve 30 50/150 1 DILM65C ZB65C 8	### 1	88 r starter 45 25/36/50/70/100 1 DILM95C ZB150C 10	8.J 55 25/36/50/70/100 1 DILM115C ZB150C 8	75 25/36/50/70/100 1 DILM150C ZB150C 10	90 25/36/50/70/1 1 DILM170C ZB150C 12	110	132	160	200	250

Options (Feed FE-XW, Direct-on-line Motor Starter DOL-XW)

Option 1		9.4	١	9B	9C	9	D	9E	9F	9G	9H	91	9J	9	K	9L	9	M
									∓									
									*									
Option 1									$\phi \phi \phi$									
									`\\									
									<u>+</u> -									
Application									Feed									
Rated current (A)		0.1		6.3-16		20-32		32-63	80	100	125	160	200	2	50	400	63	0
Breaking capa- city (kA) —	PKZMC	65		16	12													
_	L(N)ZM1					25/	36/50/70/100	25/36/50//0	V100 25/36/50/ <i>/</i> 0/	100 25/36/50//0)	/100 25/36/50/70/	100 25/36/50//0/		ZOAFO OF	: no ro 70 #ro			
_	L(N)ZM2												23/30/30/	//U/15U Z	/36/50/70/150		m/IEN 2E	ne len m / len
Main annuanta	L(N)ZM3	1		1	1											23/30/30//	'U/10U ZQ	/36/50/70/150
Main components_	PKZMC	- 1		1	- 1													
_	L(N)ZM1 L(N)ZM1					1		1										
_	L(N)ZM1-80					- 1		1	1									
_	L(N)ZM1-100								- 1	1								
_	L(N)ZM1-125										1							
_	L(N)ZM2-160										'	1						
_	L(N)ZM2-200											•	1					
_	L(N)ZM3-250													1				
_	L(N)ZM3-400															1		
_	L(N)ZM3-630															•	1	
Height model of room		8		8	8			8	8	8	8	8	8	8		16	16	
Width of compart-	3 poles	150		150	150	8		600	600	600	600	600	600	6		600	60	
	о ролоо																	-
ment (mm) —	rear outgoing	650)	650	650	300)	650	650	650	650	650	hhO	h:	n()	hh()	65	0
ment (mm) — Width of panel —	rear outgoing side outgoing			1000	1000	300 650 100)	650 1000	650 1000	650 1000	650 1000	650 1000	650 1000		50 000	650 1000		50 100
ment (mm) — Width of panel — (mm)						650)								000			
ment (mm) — Width of panel — (mm)		100	00	1000	1000	650 100	00	1000	1000	1000	1000	1000	1000	10	000	1000	10	00
ment (mm) — Width of panel — (mm) — Option 2		100	00	1000	1000	650 100	00	1000	1000	1000	1000	1000	1000	10	000	1000	10	00
Width of panel (mm) Option 2		100	00	1000	1000	650 100	00	1000	1000 10H	1000	1000	1000	1000	10	000	1000	10	00
ment (mm) — Width of panel — (mm)		100	00	1000	1000	650 100	00	1000	1000 10H	1000	1000	1000	1000	10	000	1000	10	00
Width of panel (mm) Option 2		100	00	1000	1000	650 100	00	1000	1000	1000	1000	1000	1000	10	000	1000	10	00
Width of panel (mm) Option 2		100	00	1000	1000	650 100	00	1000	1000 10H	1000	1000	1000	1000	10	000	1000	10	00
Width of panel (mm) Option 2 Option 2		100	00	1000	1000	650 100	00	1000 10G	1000 10H	1000	1000	1000	1000	10	000	1000	10	00
Width of panel (mm) Option 2 Option 2		100	10B	1000	1000	650 100	00	1000 10G	1000 10H → → → → → → → → → → → → →	1000	1000	1000	1000	10	000	1000	10	00
Option 2 Option 2 Application Motor Power (kW) Breaking Capa-		10 A	10B	1000 10C	1000	680 100 10E	10F	1000 10G	1000 10H	1000 10I otor starter	1000 10J	1000 10K	1000	10M	10N	1000	10 P	100
Width of panel (mm) Option 2	side outgoing	10 A	10B 5.5-7.5	1000 10C	1000 10D	680 100 10E	10F	1000 10G	1000 10H	1000 10I otor starter	1000 10J	1000 10K	1000	10M	10N	1000	10 P	100
Option 2 Option 2 Application Motor Power (kW) Breaking Capa-	side outgoing	10 A	10B 5.5-7.5	1000 10C	1000 10D	10 E	10F	1000 10G Direct 30	1000 10H 2t-on-line m 37	1000 10I otor starter 45	1000 10J	1000 10K	1000 10L	10M	10N	1000	10 P	100
Option 2 Option 2 Application Motor Power (kW) Breaking Capa-	PKZMC PKZM4	10 A	10B 5.5-7.5	1000 10C	1000 10D	10 E	10F	1000 10G Direct 30	1000 10H 2t-on-line m 37	1000 10I otor starter 45	1000 10J	1000 10K	1000	10M	10N	1000	10 P	100
Option 2 Application Motor Power (kW) Breaking Capacity (kA)	PKZMC PKZM4 L[N]ZM1 L(N)ZM2 PKZMC	10 A	10B 5.5-7.5	1000 10C	1000 10D	10E 18.5 50/150	22 50/150	1000 10G Direct 30 50/150	1000 10H 2t-on-line m 37	1000 10I otor starter 45	1000 10J	1000 10K	1000 10L	10M	10N	1000	10 P	100
Option 2 Application Motor Power (kW) Breaking Capacity (kA)	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZMC PKZM4	10 A 10A	10B 5.5-7.5 16	10C	1000 10D	10 E	10F	1000 10G Direct 30	1000 10H 25/36/50/70/100	1000 101 101 25/36/50/70/100	1000 10J 55 25/36/50/70/100	1000 10K 75 25/36/50/70/100	1000 10L	10M	10N	1000	10 P	100
Option 2 Application Motor Power (kW) Breaking Capacity (kA)	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZMC PKZM4 L(N)ZM1	10 A 10A	10B 5.5-7.5 16	10C	1000 10D	10E 18.5 50/150	22 50/150	1000 10G Direct 30 50/150	1000 10H 2t-on-line m 37	1000 10I otor starter 45	1000 10J	1000 10K	1000 10L 90 25/36/50/70/1	10M	10N	1000	10 P	100
Moth of panel (mm) Option 2 Option 2 Application Motor Power (kW) Breaking Capacity (kA) Main components	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZM4 L(N)ZM1 L(N)ZM2 L(N)ZM1 L(N)ZM1 L(N)ZM1 L(N)ZM1	0.06-4 16/65	5.5-7.5 16	10C 111 12	1000 10D 15 12	10E 18.5 50/150	22 50/150	1000 Direct 30 50/150	1000 10H 25/38/50/70/100	1000 101 101 25/36/50/70/100	1000 10J 55 25/36/50/70/100	1000 10K 75 25/38/50/70/100	1000 10L 90 25/36/50/70/19	10 M	10N 132	1000 100	10 P	250
Option 2 Option 2 Application Motor Power (kW) Breaking Capacity (kA) Main components	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZM4 L(N)ZM1 L(N)ZM2 DIL	100 0.06-4 16/65 1	5.5-7.5 16	10C 111 12 1 DILM25C	1000 10D 15 12 1 DILM32C	10E 18.5 50/150	22 50/150	1000 10G Direct 30 50/150 1	1000 10H 25/36/50/70/100 1 DILM80C	1000 101 101 25/36/50/70/100 1 DILM95C	1000 10J 55 25/36/50/70/100 1	1000 10K 75 25/36/50/70/100 1 DILM150C	1000 10L 90 25/36/50/70/11 1 DILM170C	10 M	10N 132	1000 100	10 P	250
Option 2 Option 2 Application Motor Power (kW) Breaking Capacity (kA) Main components	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZM4 L(N)ZM2 DIL ZB	100 0.06-4 16/65 1	5.5-7.5 16 1 DILM17C ZB32C	10C 111 12 1 DILM25C ZB32C	1000 10D 15 12 1 DILM32C ZB32C	10E 18.5 50/150 1 DILM40C ZB65C	22 50/150 1 DILM50C ZB65C	10G Direct 30 50/150 1 DILM65C ZB65C	1000 10H 25/36/50/70/100 1 DILM80C ZB150C	1000 10I 10I 25/36/50/70/100 1 DILM95C ZB150C	1000 10J 10J 55 55 25/36/50/70/100 1 1 DILM115C ZB150C	1000 10K 75 25/36/50/70/100 1 DILM150C ZB150C	1000 10L 90 25/36/50/70/19 1 DILM170C ZB150C	10 M	10N 132	1000 100	10 P	250
Width of panel (mm) Option 2 Option 2 Application Motor Power (kW) Breaking Capacity (kA) Main components	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZM4 L(N)ZM1 L(N)ZM2 PKZMC PKZM4 L(N)ZM1	100 100 100 100 100 100 100 100 100 100	5.5-7.5 16 1 DILM17C ZB32C 8	1000 10C 11 11 12 1 DILM25C ZB32C 8	1000 10D 15 12 1 DILM32C ZB32C 8	10E 18.5 50/150 1 DILM40C ZB65C 8	222 50/150 1 DILM50C 2B65C 8	1000 10G Direct 30 50/150 1 DILM65C ZB65C 8	1000 10H 25/36/50/70/100 1 DILM80C ZB150C 8	1000 10I 10I 25/36/50/70/100 1 DILM95C ZB150C 8	1000 10J 10J 55 55 25/36/50/70/100 1 1 DILM115C ZB150C 8	1000 10K 10K 75 25/36/50/70/100 1 1 DILM150C ZB150C 8	1000 10L 90 25/36/50/70/15 1 DILM170C ZB150C 8	10 M	10N 132	1000 100	10 P	250
Option 2 Option 2 Application Motor Power (kW) Breaking Capacity (kA) Main components Height model of room Width of compartment (mm)	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZM4 L(N)ZM1 L(N)ZM2 PKZM4 L(N)ZM1 L(N)ZM3 IN (N)ZM2 DIL ZB In (1HU=25mm) 3 poles	100 100 100 100 100 100 100 100 100 100	5.5-7.5 16 1 DILM17C ZB32C 8	1000 10C 11 11 12 1 DILM25C ZB32C 8 150	1000 10D 15 12 1 DILM32C ZB32C 8 150	10E 18.5 50/150 1 DILM40C ZB65C 8 300	22 50/150 1 1 DILM50C ZB65C 8 300	1000 10G Direct 30 50/150 1 DILM65C ZB65C 8 300	1000 10H 10H 37 25/36/50/70/100 1 DILM80C ZB150C 8 600	1000 10I 10I 10I 25/36/50/70/100 1 DILM95C ZB150C 8 600	1000 10J 10J 555 25/36/50/70/100 1 1 DILM115C ZB150C 8 600	1000 10K 10K 75 25/36/50/70/100 1 1 DILM150C ZB150C 8 600	1000 10L 90 25/36/50/70/13 1 DILM170C ZB150C 8 600	10 M	10N 132	1000 100	10 P	250
Motor Power (kW) Main components Height model of room Width of compart- ment (mm) Width of compart- ment (mm)	PKZMC PKZM4 L(N)ZM1 L(N)ZM2 PKZM4 L(N)ZM1 L(N)ZM2 PKZMC PKZM4 L(N)ZM1	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.5-7.5 16 1 DILM17C ZB32C 8	1000 10C 11 11 12 1 DILM25C ZB32C 8	1000 10D 15 12 1 DILM32C ZB32C 8	10E 18.5 50/150 1 DILM40C ZB65C 8	222 50/150 1 DILM50C 2B65C 8	1000 10G Direct 30 50/150 1 DILM65C ZB65C 8	1000 10H 25/36/50/70/100 1 DILM80C ZB150C 8	1000 10I 10I 25/36/50/70/100 1 DILM95C ZB150C 8	1000 10J 10J 55 55 25/36/50/70/100 1 1 DILM115C ZB150C 8	1000 10K 10K 75 25/36/50/70/100 1 1 DILM150C ZB150C 8	1000 10L 90 25/36/50/70/15 1 DILM170C ZB150C 8	10 M	10N 132	1000 100	10 P	250

Options (Reversible Motor Starter FR-XW)

Option 1		11A	11B	11C	11D	11E	11F	11G	11H	111	11J	11K	11L	11M	11N	110	11P	110
Option 1									T (* *)									
Application								- 1	Reversible e	ngine								
Motor Power (kW)		0.06-4	5.5-7.5	11	15	18.5	22	30	37	45	55	75	90	110	132	160	200	250
Breaking Capa-	PKZMC	16/65	16	12	12													
city (kA)	PKZM4					50/150	50/150	50/150										
	L(N)ZM1								25/36/50/70/100	25/36/50/70/100	25/36/50/70/100	25/36/50/70/100						
	L(N)ZM2												25/36/50/70/1	50				
Main components	PKZMC	1	1	1	1													
	PKZM4					1	1	1										
	L(N)ZM1								1	1	1	1						
	L(N)ZM2												1					
	DIL	DILM9C	DILM17C	DILM25C	DILM32C	DILM40C	DILM50C	DILM65C	DILM80C	DILM95C	DILM115C	DILM150C	DILM170C	DILM225	DILM250	DILM300	DILM40	0 DILM50
	ZB	ZB12C	ZB32C	ZB32C	ZB32C	ZB65C	ZB65C	ZB65C	ZB150C	ZB150C	ZB150C	ZB150C	ZB150C					
Height model of roor	n (1HU=25mm)	8	8	8	8	8	8	8	8	8	8	8	8					
Width of compart- ment (mm)	3 poles	300	300	300	300	300	300	300	600	600	600	600	600					
Width of panel	rear outgoing	650	650	650	650	650	650	650	650	650	650	650	650					
(mm)	side outgoing	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000					





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