

# Price List

Low Voltage Control Gears

## Efficient Engineering for Starting and Controlling Motors

Effective 1st January, 2014



*Powering Business Worldwide*





# Eaton is leading diversified power management company



We help the world use electrical,  
fluid and mechanical power more  
**reliably, efficiently** and **safely**.

# Eaton's Electrical Sector

Eaton Corporation is a diversified power management company ranked among the largest fortune 500 companies with annual revenues of \$21.8 Billion and presence in more than 150 countries worldwide. Eaton's Electrical business is a global leader in Power Distribution, Power Quality, Control, Automation Solution and Services. Eaton's electrical solutions are a powerful combination of some of the most respected global product lines including Moeller<sup>®</sup>, Westinghouse, Cutler-Hammer<sup>®</sup>, Holec<sup>®</sup>, MEM<sup>®</sup> MGE Office Protection Systems<sup>TM</sup> and Powerware<sup>®</sup> to meet every power management needs of the Industrial, Utility, Commercial & Residential Buildings, IT, Mission critical, Alternate Energy and OEM markets worldwide.

Eaton Power Quality Pvt. Ltd. is a 100% subsidiary of Eaton Corporation with head office at New Delhi and a network of sales & service offices spread across India providing industry leading electrical solutions to enable our customers manage electrical power more efficiently, reliably and safely.

Eaton is a leading diversified power management company  
Electrical • Aerospace • Hydraulics • Vehicle

We help the world use electrical,  
fluid and mechanical power more  
reliably, efficiently and sagely.

## Eaton Corporation

### **Founded in 1911**

A hundred years of innovation

### **Serving customers in more than 150 countries**

Global reach, local depth

### **United across the world**

Eaton Business System (EBS)

### **Committed to doing business right**

Ethically and sustainably

Your  
powerful  
advantage



# Eaton and Cooper - united to power more possibilities

Our combined strength enables us to look at the world through a larger lens, to see more possibilities and better opportunities. Enabling you to more efficiently manage energy consumption, increase uptime and lower costs - while keeping personnel, equipment and data safe.



Cooper is part of the Electrical Sector of Eaton, a leader in power management solutions for customers in more than 175 countries worldwide. Cooper has a strong heritage of electrical components and solutions, including Bussmann electrical and electronic fuses; Crouse-Hinds and CEAG explosion-proof electrical equipment; Halo and Metalux lighting fixtures; and Kyle and McGraw-Edison power systems products. These products further enhance Eaton's capability to meet today's most critical electrical power management challenges.

# EAT•N

## The power of fusion.

Brand inception dates:



# EAT•N

Powering Business Worldwide

There's a certain energy at Eaton. It's the power of uniting some of the world's most respected names to build a brand you can trust to meet your every power management need. The energy created supports our commitment to powering business worldwide.

From power distribution to power quality and control, Eaton allows you to proactively manage your complete power system by providing electrical solutions that make your applications more reliable, efficient and safe. Visit [Eaton.com/electrical](http://Eaton.com/electrical).

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# Eaton's Product Range

## Low Voltage Control Products

Pilot Devices (22.5mm & 16mm) .....	RMQ Titan (M22) / A22
Pilot Devices (30.5mm) .....	E30/E34/10250T
Foot & Palm Switch .....	FAK
Signal Towers .....	SL
Pressure Switches .....	MCS
Position Switches / Safety Switches .....	LS
Sensors .....	Inductive / Capacitive / Optical
Limit Switches .....	Precision / Mini / Metal / Metal-IP67 / Hazardous Applications

## Contactors

Mini Contactors & Control Relays .....	DILEEM / DILER
Contactors & Control Relays .....	DILM / DILA
Vacuum Contactors .....	DILM / DILH / V201
4 Pole Contactors .....	DILMP
Capacitor Duty Contactors .....	DILK
Lighting Duty Contactors .....	DILL
DC Mill Duty Contactors	
DC Power Contactors	
Definite Purpose Contactors	

## Overload Relays

Thermal Magnetic Overload Relay .....	ZB
Electronic Overload Relay .....	Motor Insight , C440
Thermistor Based Overload Relays .....	EMT6

## Motor Protection Circuit Breakers

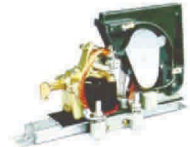
MPCB with Push Button Control .....	PKZM01
MPCB with Rotary Handle Control .....	PKZM0
MPCB with Electronic Release .....	PKE

## Motor Starters

DOL / Reverser Starter upto 32A with PKZM0	
DOL / Reverser Starter upto 32A with PKE	
Soft Starters upto 900KW	

## Variable Frequency Drives

▪ Ready Stock



• Ready Stock

# Eaton's Product Range

## Cam Switches & Switch – Disconnectors

Cam Switches upto 132KW .....	T
Switch-Disconnector upto 110KW/315A .....	P
ATEX Rated Enclosed .....	T/P

## Electronic Relays

Safety Relay .....	ESR5
Safety Control Relays .....	Easy Safety
Timing Relays .....	DILET / ETR2 / ETR4
Measuring & Monitoring Relays .....	EMR

## Automation Products

Control Relays .....	Easy500/700/800
PLC's .....	XC / EC4
HMI / HMI-PLC's .....	XVC
Smartwire Darwin Communication System	

## Low Voltage Distribution Products

Air Circuit Breakers .....	Magnum
Molded Case Circuit Breakers .....	NZM / LZM / BZM
Disconnectors .....	P / PN
Mining Duty Breakers	
ATS	

## Enclosures

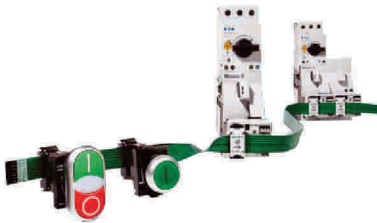
IP65, Outdoor rated Polycarbonate Opaque/Transparent ....	CI / CI-K
MCB Individual Enclosure .....	AE..
MCCB / Switch Disconnector .....	MCCB..
Fuse Enclosure .....	RS..

## Solar Products

Disconnectors upto 60A, 1000V DC rated	
Disconnectors, 160A – 1400A, 1500V DC rated	
Fuse & Fuse Base, 1000V DC	
Inverters upto 1MW	
DC Combiner Boxes	
AC Switchgear	

▪ Ready Stock





• Ready Stock

# Global technology Regional solutions

Electrical  
standards and  
certifications

Americas | Europe | Middle East | Africa | Asia Pacific





# CONTENTS

► **Contactors**

Mini Contactors, DILEM– AC/ DC Operated .....	01
Mini Control Relays, DILER– AC/DC Operated .....	02
Accessories for Mini Contactors .....	10
Contactors, DILM – AC/DC Operated .....	03-06
Control Relays, DILA – AC/DC Operated .....	07
Vacuum Contactors, V201/DILM .....	08
Capacitor Duty Contactors types DILK .....	08
4 Pole Contactors type DILMP .....	09
Accessories for Contactors type DILM/DILA/DILMP/V201 .....	10-12

► **MPCB's**

MPCB, push button control, PKZM01 .....	13
MPCB, Rotary Handle Operated, PKZM0 .....	14
Accessories .....	15

► **Overload Relays**

Thermal Overload Relays, ZB .....	16-18
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For prices of other products, please contact Eaton.



# Contactors

## Mini Contactor - DILEM, 3 Pole



- Compact Size
- Low Coil Consumption – Energy Savings
- Interlocked Opposing Auxiliary Contacts – High Degree of Safety
- Inbuilt suppressor in DC Coil Version
- Upto 4 Add on Auxiliary Contacts
- Accessories : Mechanical Interlock, Reverser & Star Delta Wiring Kit etc

AC-3 at 400V (A)	Auxiliary Contacts		Part No.	MRP	Part No.	MRP
			AC Coil		DC Coil	
6.6	1 N/O	–	DILEEM-10(...)	825	DILEEM-10-G(...)	1085
6.6	–	1 N/C	DILEEM-01(...)	825	DILEEM-01-G(...)	1085
9	1 N/O	–	DILEM-10(...)	865	DILEM-10-G(...)	1145
9	–	1 N/C	DILEM-01(...)	865	DILEM-01-G(...)	1145
12	1 N/O	–	DILEM12-10(...)	1275	DILEM12-10-G(...)	1625
12	–	1 N/C	DILEM12-01(...)	1275	DILEM12-01-G(...)	1625

To order please complete the part no. by adding Voltage Suffix and mention Article No., (Select from table below)

Coil Voltage	DILEEM-10(...)	DILEEM-01(...)	DILEM-10(...)	DILEM-01(...)	DILEM12-10(...)	DILEM12-01(...)
<b>AC</b>	<b>Article No</b>					
24V 50Hz	51604	51629	10005	10086	127067	127083
48V 50Hz	51603	51628	10020	10294		
240V 50Hz	51602	51627	10032	10151		
115V 50Hz	51598	51624	10024	10470		
42/48V, 50/60HZ	51612	51637	51782	51791		
110/120V, 50/60HZ	51611	51636	51783	51792	127072	127088
190/220V, 50/60HZ	51610	51635	51784	51793		
220/240V, 50/60HZ	51609	51634	51785	51794		
230/240V, 50/60HZ	51608	51633	51786	51795		
380/440V, 50/60HZ	51607	51632	51787	51796		
400/440V, 50/60HZ	51606	51631	51788	51797		
415/480V, 50/60HZ	51605	51630	51789			
24V 50/60Hz	51596	51621	21417	20402	127079	127095
42V 50/60Hz	51595	51620	32174	33233		
110V 50/60Hz	51592	51618	21455	20436	127081	127097
230V 50/60Hz	56674	58771	52302	51114	127082	127098
<b>DC Coil Voltage</b>						
12V DC	51644	51649	79594	79642		
24V DC	51643	51650	10213	10343	127132	127137
48V DC	51642	51648	10245	10496		
110V DC	51640	51646	10309	10136		
220V DC	51639	51645	10325	10168		

For all other coil voltages, please contact EATON sales office.

# Contactors

## Mini Control Relay - DILER, 3 Pole



- Compact Size
- Low Coil Consumption – Energy Savings
- Interlocked Opposing Auxiliary Contacts – High Degree of Safety
- Inbuilt suppressor in DC Coil Version
- Upto 4 Add on Auxiliary Contacts
- Accessories : Mechanical Interlock etc

Auxiliary Contacts	Part No.		MRP	Part No.		MRP
	AC Coil			DC Coil		
4 N/O	—	DILER-40(...)	1150	DILER-40-G(...)	■	1450
3 N/O	1 N/C	DILER-31(...)	1150	DILER-31-G(...)	■	1450
2 N/O	2 N/C	DILER-22(...)	1150	DILER-22-G(...)*	■	1450

Part No	DILER-40(...)	DILER-31(...)	DILER-22(...)
AC Coil Voltage	Article No		
24V 50Hz	10094	10251	10344
48V 50Hz	10190	10044	10201
240V 50Hz	10478	10300	10138
115V 60Hz	10270	10204	10211
110/120V, 50/60HZ	51756	51765	51774
190/220V, 50/60HZ	51757	51766	51775
220/240V, 50/60HZ	51758	51767	51776
230/240V, 50/60HZ	51759	51768	51777
380/440V, 50/60HZ	51760	51769	51778
400/440V, 50/60HZ	51761	51770	51779
415/480V, 50/60HZ	51762	51771	51780
24V 50/60Hz	21924	21594	21704
42V 50/60Hz	33459	29869	29433
110V 50/60Hz	21961	21624	21871
230V 50/60Hz	52725	52509	52508
DC Coil Voltage			
12V DC	79711	79761	80728
24V DC	10223	10157	10042
48V DC	10255	10205	10346
110V DC	10287	10253	10043
220V DC	10303	10269	10091

For all other coil voltages, please contact EATON sales office.

\* DILER-22-G Add-on-Block can't be mounted

■ Ready Stock

# Contactors

## Power Contactor – AC Operated, 3 Pole



- Global Approvals : IEC , UL , CSA , CE
- Low Coil Consumption : Energy Savings
- High Electrical Lifespan
- Double Box Terminals : High Wiring Integrity & reliability
- Coil Terminals on front as standard for quick & easy wiring
- Type 2 Coordinated Starters with PKZ MPCB's & NZM MCCB's
- Electronic Actuated Coil version available - Contact Eaton

AC-3 at 400V (A)	Motor KW at 400V, 50Hz	Auxiliary Contacts		Part No.	MRP
7	3	1 NO	–	DILM7-10(...)	850
7	3	–	1 NC	DILM7-01(...)	850
9	4	1 NO	–	DILM9-10(...)	895
9	4	–	1 NC	DILM9-01(...)	895
12	5.5	1 NO	–	DILM12-10(...)	1065
12	5.5	–	1 NC	DILM12-01(...)	1065
15.5	7.5	1 NO	–	DILM15-10(...)	1150
15.5	7.5	–	1 NC	DILM15-01(...)	1150
18	7.5	1 NO	–	DILM17-10(...)	1195
18	7.5	–	1 NC	DILM17-01(...)	1195
25	11	1 NO	–	DILM25-10(...)	1625
25	11	–	1 NC	DILM25-01(...)	1625
32	15	1 NO	–	DILM32-10(...)	3075
32	15	–	1 NC	DILM32-01(...)	3075
38	18.5	1 NO	–	DILM38-10(...)	4375
38	18.5	–	1 NC	DILM38-01(...)	4375
40	18.5	–	–	DILM40(...)	4750
50	22	–	–	DILM50(...)	5675
65	30	–	–	DILM65(...)	7685
72	37	–	–	DILM72(...)	8875
80	37	–	–	DILM80(...)	9450
95	45	–	–	DILM95(...)	11585
115	55	–	–	DILM115(...)	13350
150	75	–	–	DILM150(...)	17385
170	90	–	–	DILM170(...)	22990
185	90	2 NO	2 NC	DILM185A/22(...)	27850
225	110	2 NO	2 NC	DILM225A/22(...)	29375
250	132	2 NO	2 NC	DILM250/22(...)	39650
300	160	2 NO	2 NC	DILM300A/22(...)	46550
400	200	2 NO	2 NC	DILM400/22(...)	61500
500	250	2 NO	2 NC	DILM500/22(...)	79650



# Contactors

## Power Contactors - DC Operated, 3 Pole



- Global Approvals : IEC, UL, CSA , CE
- Electronic actuated Coil as standard from 17A - 170A, Optional 185A onwards
- Very Low Consumption : Energy Savings Suppressor Integrated into Coil Circuit : Cost savings, Easy engineering
- Direct actuation by PLC upto 32A : No need for coupler relays
- Same dimension as AC operated contactor : Easy engineering
- Wide band coil ( 0.7 - 1.3 ) as standard from 17A - 170A : Reliable performance
- Optional Wide band coil at 24V DC from 9A -15.5 A

AC-3 at 400V (A)	Motor Rating, KW, at 400V, 50Hz	Auxiliary Contacts		Part No.	MRP
7	3	1 NO	_	DILM7-10(...)	1005
7	3	_	1 NC	DILM7-01(...)	1005
9	4	1 NO	_	DILM9-10(...)	1225
9	4	_	1 NC	DILM9-01(...)	1225
12	5.5	1 NO	_	DILM12-10(...)	1325
12	5.5	_	1 NC	DILM12-01(...)	1325
15.5	7.5	1 NO	_	DILM15-10(...)	1850
15.5	7.5	_	1 NC	DILM15-01(...)	1850
18	7.5	1 NO	_	DILM17-10(...)	2285
18	7.5	_	1 NC	DILM17-01(...)	2285
25	11	1 NO	_	DILM25-10(...)	3050
25	11	_	1 NC	DILM25-01(...)	3050
32	15	1 NO	_	DILM32-10(...)	5375
32	15	_	1 NC	DILM32-01(...)	5375
38	18.5	1 NO	_	DILM38-10(...)	6350
38	18.5	_	1 NC	DILM38-01(...)	6350
40	18.5	_	_	DILM40(...)	6550
50	22	_	_	DILM50(...)	8275
65	30	_	_	DILM65(...)	10350
72	37	_	_	DILM72(...)	11225
80	37	_	_	DILM80(...)	12775
95	45	_	_	DILM95(...)	15375
115	55	_	_	DILM115(...)	17450
150	75	_	_	DILM150(...)	23050
170	90	_	_	DILM170(...)	26650
185	90	2 NO	2 NC	DILM185A/22(...)	34450
225	110	2 NO	2 NC	DILM225A/22(...)	36650
250	132	2 NO	2 NC	DILM250/22(...)	39650
300	160	2 NO	2 NC	DILM300A/22(...)	46500
400	200	2 NO	2 NC	DILM400/22(...)	61500
500	250	2 NO	2 NC	DILM500/22(...)	79650

# Contactors

Coil Voltage	DILM07-10(...)	DILM07-01(...)	DILM09-10(...)	DILM09-01(...)	DILM12-10(...)	DILM12-01(...)
AC	Article No					
24V 50Hz	276537	276572	276667	276712	276817	276852
240V 50Hz	276539	276574	276679	276714	276819	276854
42/48V, 50/60HZ	276546		276686		276826	
110/120V, 50/60HZ	276547	276582	276687	276722	276827	276862
190/220V, 50/60HZ	276548	276583	276688	276723	276828	276863
220/240V, 50/60HZ	276549	276584	276689	276724	276829	276864
230/240V, 50/60HZ	276550	276585	276690	276725	276830	276865
380/440V, 50/60HZ	276551	276586	276691	276726	276831	276866
400/440V, 50/60HZ	276552	276587	276692	276727	276832	276867
415/480V, 50/60HZ	276553	276588	276693	276728	276833	276868
24V 50/60Hz	276554	276589	276694	276729	276834	276869
42V 50/60Hz	276555	276590	276695	276730	276835	276870
110V 50/60Hz	276556	276591	276696	276731	276836	276871
220V 50/60Hz	276557	276592	276697	276732	276837	276872
230V 50/60Hz	276558	276593	276698	276733	276838	276873

DC Coil Voltage						
24V	276565	276600	276705	276740	276845	276880
60V	276566	276601	276706	276741	276846	276881
130V	276567	276602	276707	276742	276847	276882
240V	276568	276603	276708	276743	276848	276883

Coil Voltage	DILM15-10(...)	DILM15-01(...)	DILM17-10(...)	DILM17-01(...)	DILM25-10(...)	DILM25-01(...)
AC	Article No					
24V 50Hz	290045	290080	276991	277023	277119	277151
240V 50Hz			276993		277121	
42/48V, 50/60HZ			277000		277128	
110/120V, 50/60HZ	290055	290090	277001	277033	277129	277161
190/220V, 50/60HZ			277002		277130	
220/240V, 50/60HZ			277003		277131	
230/240V, 50/60HZ	290058	290093	277004	277036	277132	277164
380/440V, 50/60HZ			277005		277133	
400/440V, 50/60HZ			277006	277038	277134	277166
415/480V, 50/60HZ			277007		277135	
24V 50/60Hz	290062	290097	277008	277040	277136	277168
42V 50/60Hz			277009		277137	
110V 50/60Hz			277010	277042	277138	277170
220V 50/60Hz			277011	277043	277139	277171
230V 50/60Hz	290066	290101	277012	277044	277140	277172

DC Coil Voltage						
RDC24	290073	290108	277018	277050	277146	277178
RDC60			277019	277051	277147	277179
RDC130			277020	277052	277148	277180
RDC240			277021	277053	277149	277181

Coil Voltage	DILM32-10(...)	DILM32-01(...)	DILM38-10(...)	DILM38-01(...)	DILM40(...)	DILM50(...)
AC	Article No					
24V 50Hz	277247	277279	112378	112446	277753	277817
240V 50Hz	277249		112420		277755	277819
42/48V, 50/60HZ	277256		112424		277762	277826
110/120V, 50/60HZ	277257	277289	112425	112454	277763	277827
190/220V, 50/60HZ	277258		112426		277764	277828
220/240V, 50/60HZ	277259		112427		277765	277829
230/240V, 50/60HZ	277260	277292	112428	112457	277766	277830
380/440V, 50/60HZ	277261		112429		277767	277831
400/440V, 50/60HZ	277262	277294	112430	112459	277768	277832
415/480V, 50/60HZ	277263		112431		277769	277833

■ Ready Stock

# Contactors

Coil Voltage	DILM32-10(...)	DILM32-01(...)	DILM38-10(...)	DILM38-01(...)	DILM40(...)	DILM50(...)
<b>AC</b>	<b>Article No</b>					
24V 50/60Hz	277264	277296	112432	112461	277770	277834
42V 50/60Hz	277265		112433		277771	277835
110V 50/60Hz	277266	277298	112434	112463	277772	277836
220V 50/60Hz	277267	277299	112435	112464	277773	277837
230V 50/60Hz	277268	277300	112436	112465	277774	277838

<b>DC Coil Voltage</b>						
RDC24	277274	277306	112442	112470	277780	277844
RDC60	277275	277307	112443	112471	277781	277845
RDC130	277276	277308	112444	112472	277782	277846
RDC240	277277	277309	112445	112473	277783	277847

Coil Voltage AC	DILM65(...)	DILM72(...)	DILM80(...)	DILM95(...)
24V 50Hz	277881		235904	239467
240V 50Hz	277883	109183	235910	239469
110/120V, 50/60HZ	277891	109191	239399	239477
220/240V, 50/60HZ	277893		239401	239479
230/240V, 50/60HZ	277894	107670	239402	239480
380/440V, 50/60HZ	277895		239403	239481
400/440V, 50/60HZ	277896	109195	239404	239482
24V 50/60Hz	277898	109197	239406	239484
42V 50/60Hz	277899		239407	239485
110V 50/60Hz	277900	109199	239408	239486
220V 50/60Hz	277901	109200	239409	239487
230V 50/60Hz	277902	109201	239410	239488

<b>DC Coil Voltage</b>				
RDC24	277908	107671	239416	239510
RDC60	277909		239417	239511
RDC130	277910		239418	239512
RDC240	277911	109209	239419	239513

Coil Voltage AC	DILM115(...)	DILM150(...)	DILM170(...)	DILM185-22(...)	DILM225A-22(...)
RAC24	239545	239585	107010	139534	139544
RAC48	239546	239586	107011	139535	139545
RAC120	239547	239587	107012	139536	139546
RAC240	239548	239588	107013	139537	139547
RAC440	239549	239589	107014	139538	139548
RAC500	239550	239590	107015	139539	139549

<b>DC Coil Voltage</b>					
RDC24	239555	239591	107016	139540	139550
RDC60	239560	239592	107017	139541	139551
RDC130	239567	239593	107018	139542	139552
RDC240	239572	239594	107019	139543	139553

Coil Voltage AC/DC	DILM250-22(...)	DILM300A-22(...)	DILM400-22(...)	DILM500-22(...)	DILM580-22(...)
RDC48	208199	139554	208207	208211	
RA110	208200	139555	208208	208212	208215
RA250	208201	139556	208209	208213	208216
RAC500	208202	139557	208210	208214	208217
110-120V 50/60Hz	274189	139558	274195	274198	
220-240V 50/60Hz	274190	139559	274196	274199	

For all other coil voltages, please contact EATON sales office.

Coil Voltage AC/DC	DILM650-22(...)	DILM750-22(...)	DILM820-22(...)	DILM1000-22(...)	DILM1600-22(...)
RA 110	208218	208221	208224	-	-
RA 250	208219	208222	208225	267214	-
RAC 500	208220	208223	208226	-	-
RAW 250	-	-	-	-	-

▪ Ready Stock



# Contactors

## Control Relay - DILA



- Global Approvals : IEC , UL , CSA , CE
- Low Coil Consumption : Energy Savings
- Double Box Terminals : High Wiring Integrity & reliability
- Coil Terminals on front as standard for quick & easy wiring

AC-15 at 400V (A)	Auxiliary Contacts	Part No.	MRP	Part No.	MRP	
Screw Terminals		AC Coil		DC Coil		
4	4 N/O	—	DILA-40(...) ■	1065	DILA-40(...) ■	1475
4	3 N/O	1 N/C	DILA-31(...) ■	1065	DILA-31(...) ■	1475
4	2 N/O	2 N/C	DILA-22(...) ■	1065	DILA-22(...) ■	1475

### Spring-Loaded Terminals

4	4 N/O	—	DILAC-40(...) ■	On Request	DILAC-40(...) ■	On Request
4	3 N/O	1 N/C	DILAC-31(...) ■		DILAC-31(...) ■	
4	2 N/O	2 N/C	DILAC-22(...) ■		DILAC-22(...) ■	

To order please complete the part no. by adding Voltage Suffix and mention Article No., (Select from table below)

Coil Voltage	DILA-40(...)	DILA-31(...)	DILA-22(...)	DILAC-40(...)	DILAC-31(...)	DILAC-22(...)
<b>AC</b>	<b>Article No</b>					
24V 50Hz	276316	276351	276386	276431	276463	276495
240V 50Hz	276318	276353	278388			
110/120V, 50/60HZ	276326	276361	276396	276438	276470	276502
190/220V, 50/60HZ	276327	276362	276397			
220/240V, 50/60HZ	276328	276363	276398			
230/240V, 50/60HZ	276329	276364	276399	276441	276473	276505
380/440V, 50/60HZ	276330	276365	276400			
400/440V, 50/60HZ	276331	276366	276401			
24V 50/60Hz	276333	276368	276403	276445	276477	276509
42V 50/60Hz	276334	276369	276404			
110V 50/60Hz	276335	276370	276405			
220V 50/60Hz	276336	276371	276406			
230V 50/60Hz	276337	276372	276407	276449	276481	276513
<b>DC Coil Voltage</b>						
24V DC	276344	276379	276414	276456	276488	276520
48V DC	276345	276380	276415			
110V DC	276347	276382	276417	276459	276491	276523
220V DC	276348	276383	276418	276460	276492	276524

For all other coil voltages, please contact EATON sales office.

■ Ready Stock

# Contactors

## Vacuum Contactors - V201

- Global Approvals : IEC , UL , CSA, CE
- Switching in Vacuum - Very High Electrical Life
- Ideal for high dust and high switching duty applications
- Encapsulated Coils : Impervious to environment like pollution, moisture, dust etc

AC-3 at 400V (A)	Motor KW at 400V, 50Hz	Auxiliary Contacts		Part No.	MRP
160	75	1 NO	1NC	V201KR..	82050
320	150	1NO	1 NC	V201KT..	100650
610	200	1 NO	1NC	V201KZ..	198650

## Vacuum Contactors - Type DILM

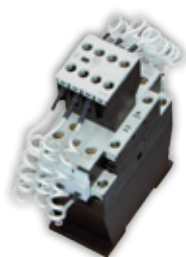


- Global Approvals : IEC , UL , CSA, CE
- Switching in Vacuum - Very High Electrical Life
- Ideal for high dust and high switching duty applications
- Low Coil Consumption : Energy Savings
- Direct actuation from PLC

AC-3 at 400V (A)	Motor KW at 400V, 50Hz	Auxiliary Contacts		Part No.	MRP
		AC Coil		DC Coil	
580	315	2 NO	2 NC	DILM580/22(...)	On Request
650	355	2 NO	2 NC	DILM650/22(...)	
750	400	2 NO	2 NC	DILM750/22(...)	
820	450	2 NO	2 NC	DILM820/22(...)	
1000	560	2 NO	2 NC	DILM1000/22(...)	
1600	900	2 NO	2 NC	DILM1600/22(...)	

To order please complete the part no. by adding Voltage Suffix and mention Article No., (Select from table below)

## Capacitor Duty Contactor - DILK



- Weldi-resistant for capacitors with inrush current peaks up to  $180 \times I_N$
- With group compensation multi-stage capacitor banks are connected to the mains ars required.
- The capacitors are pre-charged via the early-make auxiliary contacts
- The contactors for capacitors are weld-resistant with inrush current peaks up to  $180 \times I_N$  due to their special contacts
- DILK..., cannot be combined with other auxiliary contacts

KVAR 400V, 3ph, 50/60 Hz	Auxiliary Contacts	Part No.	MRP
12.5	1 NO + 1 NC	DILK12-11(...)	2325
20	1 NO + 1 NC	DILK20-11(...)	3550
25	1 NO + 1 NC	DILK25-11(...)	4150
33.3	1 NO	DILK33-10(...)	8750
50	1 NO	DILK50-10(...)	11500

To order please complete the part no. by adding Voltage Suffix and mention Article No., (Select from table below)

Coil Voltage	DILK12-11(...)	DILK20-11(...)	DILK25-11(...)	DILK33-10(...)	DILK50-10(...)
	Article No				
110/120V, 50/60Hz	293985	294007	294029	294051	294073
190/220V, 50/60Hz	293986	294008	294030	294052	294074
230/240V, 50/60Hz	293988	294010	294032	294054	294076
400/440V, 50/60Hz	293990	294012	294034	294056	294078

For all other coil voltages, please contact EATON sales office.

■ Ready Stock

# Contactors

## Power Contactors - DILMP, 4 Pole



- Global Approvals : IEC , UL , CSA , CE
- Low Coil Consumption : Energy Savings
- High Electrical Lifespan
- Double Box Terminals : High Wiring Integrity & reliability
- Coil Terminals on front as standard for quick & easy wiring
- Electronic Actuated Coils : Extremely Low Consumption, High Energy Savings
- Suppressor Integrated in all DC Coil Contactors and in Electronic Coil actuated AC Contactors

AC-1 Amps	Main Contacts	Auxiliary Contacts	Part No.	MRP	Part No.	MRP
			AC Operated		DC Operated	
22	4NO	_ _	DILMP20(...)	1295	DILMP20(...)	2050
32	4NO	_ 1 NC	DILMP32-01(...)	1525	DILMP32-01(...)	2900
32	4NO	1 NO _	DILMP32-10(...)	1525	DILMP32-10(...)	2900
45	4NO	_ 1 NC	DILMP45-01(...)	2575	DILMP45-01(...)	4415
45	4NO	1 NO _	DILMP45-10(...)	2575	DILMP45-10(...)	4415
63	4NO	_ _	DILMP63(...)	4850	DILMP63(...)	7125
80	4NO	_ _	DILMP80(...)	8150	DILMP80(...)	11550
125	4NO	_ _	DILMP125(...)	11625	DILMP125(...)	16575
160	4NO	_ _	DILMP160(...)	14375	DILMP160(...)	18000
200	4NO	_ _	DILMP200(...)	20750	DILMP200(...)	26425

To order please complete the part no. by adding Voltage Suffix and mention Article No., (Select from table below)

Coil Voltage	DILMP20(...)	DILMP32-10(...)	DILMP32-01(...)	DILMP45-10(...)	DILMP45-01(...)	DILMP63(...)
<b>AC</b>	<b>Article No</b>					
240V 50Hz	-	109798	-	109827	-	109856
110/120V, 50/60HZ	276967	109790	118912	109819	119815	109848
230/240V, 50/60HZ	276970	109797	118911	109826	119814	109855
24V 50/60Hz	276974	109799	-	109828	-	109857
230V 50/60Hz	276978	109796	-	109825	-	109883
<b>Non-standard voltages</b>						
...V 50 Hz (12 - 600V)	276982	109787	109787	109816	109816	109845
...V 60 Hz (12 - 600V)	276983	109788	109788	109817	109817	109846
<b>DC Coil Voltage Code</b>						
24V DC	276985	-	-	-	-	-
RDC24	-	109811	118913	109840	118916	109869
<b>Non-standard voltages</b>						
...V DC (12 - 250V)	276990	-	-	-	-	-

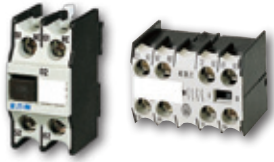
Coil Voltage	DILMP80(...)	DILMP125(...)	DILMP160(...)	DILMP200(...)
<b>AC</b>	<b>Article No</b>			
240V 50Hz	109885	-	-	-
110/120V, 50/60HZ	109887	-	-	-
230/240V, 50/60HZ	109884	-	-	-
24V 50/60Hz	109886	-	-	-
230V 50/60Hz	109883	-	-	-
RAC24(24V 50/60 Hz)	-	109904	109914	109924
RACL20(100 - 120V 50/60 Hz)	-	109903	109913	109923
RAC240(190 - 240V 50/60 Hz)	-	109905	109915	109925
<b>Non-standard voltages</b>				
...V 50 Hz (12 - 600V)	109874	-	-	-
...V 60 Hz (12 - 600V)	109875	-	-	-
<b>DC Coil Voltage Code</b>				
24V DC	-	-	-	-
RDC24	109898	109910	109920	109930
<b>Non-standard voltages</b>				
...V DC (12 - 250V)	-	-	-	-

For all other coil voltages, please contact EATON sales office.

■ Ready Stock

# Contactor Accessories

## Auxiliary Contact Modules for Mini Contactors



- Interlocked Opposing contacts – High Reliability and safety

Pole	Auxiliary Contacts		For Use with Contactor	Part No. Article No.	MRP
2 Pole	—	2 N/C	DILEM-10(-G)(...) DILEM-01(-G)(...) DILEM-4(-G)(...) DILER40(-G) DILER31(-G) DILER22	02DILE 010240	250
	1 N/O	1 N/C		11DILE 010224	250
	2 N/O	—		20DILE 010208	250
4 Pole	—	4 N/C	DILEEM-10(-G)(...) DILEEM-01(-G)(...) DILEM12-10(-G)(...) DILEM12-01(-G)(...)	04DILE 010256	400
	1 N/O	3 N/C		13DILE 002397	400
	2 N/O	2 N/C		22DILE 010288	400
	3 N/O	1 N/C		31DILE 048912	400
	4 N/O	—		40DILE 010304	400

## Auxiliary Contact Modules for Contactors



- Interlocked Opposing contacts – High Reliability and safety

Pole	Auxiliary Contacts		For Use with Contactor	Part No. Article No.	MRP
2 Pole	—	2 N/C	DILM7..DILM38 DILMP20..DILMP45 DILA.. DILL..	DILA-XHI02 276420	300
	1 N/O	1 N/C		DILA-XHI11 276421	300
	2 N/O	—		DILA-XHI20 276422	300
4 Pole	—	4 N/C	DILA-XHI04 276424	DILA-XHI13 276425	425
	1 N/O	3 N/C		DILA-XHI22 276426	425
	2 N/O	2 N/C		DILA-XHI31 276427	425
	3 N/O	1 N/C		DILA-XHI40 276428	425
	4 N/O	—			

To order please complete the part no. by adding Voltage Suffix and mention Article No., (Select from table below)

■ Ready Stock

# Contactor Accessories

Auxiliary Contacts		For Use with Contactor	Part No. Article No.	MRP
2 N/O	—	DILM40...DILM170 DILMP63 to DILMP200	DILM150-XHI20 277945	250
1 N/O	1 N/C		DILM150-XHI11 277946	250
1 N/O	1 N/C		DILM150-XHIA11 283463	250
—	2 N/C		DILM150-XHI02 277947	250
4 N/O	—		DILM150-XHI40 277948	450
3 N/O	1 N/C		DILM150-XHI31 277949	450
2 N/O	2 N/C		DILM150-XHI22 277950	450
2 N/O	2 N/C		DILM150-XHIA22 283464	450
1 N/O	3 N/C		DILM150-XHI13 277951	450
—	4 N/C		DILM150-XHI04 277952	450

## Side Mounting, Screw Terminal

Auxiliary Contacts		For Use with Contactor	Part No. Article No.	MRP
1 N/O	1 N/C	DILM7...DILM15 DILMP20 DILA...	DILA-XHI0-S 115948	575
			DILA-XHI01-S 115949	575
1 N/O	1 N/C	DILM17...DILM38	DILM32-XHI11-S 101371	550
1 N/O	1 N/C	DILM250-DILH2600	DILM820-XHI11-SI 208281	550
1 N/O	1 N/C		DILM820-XHI11-SA 208282	550
1 N/O	1 N/C	DILM40-DILM225A DILMP63-DILMP200	DILM1000-XHI11-SI 278425	550
1 N/O	1 N/C		DILM1000-XHI11-SA 278427	550



# Contactors Accessories

Suppressor	Voltage	Part No. Article No.	For Use with	MRP	For Use with	Part No. Article No.	MRP
RC- Suppressors	24 - 48	DILM12-XSPR48 281199	DILM7 - DILM15	325	DILE...	RCDILE48 044264	850
	110 - 240	DILM12-XSPR240 281200				RCDILE250 046320	
	240 - 500	DILM12-XSPR500 281201					
	24 - 48	DILM32-XSPR48 281202	DILM17 - DILM32 DILK12-DILK25	525			
	110 - 240	DILM32-XSPR500 281203					
	240 - 500	DILM32-XSPR240 281204					
	24 - 48	DILM95-XSPR48 281205	DILM40 - DILM95 DILK33 - DILK50	600			
	110 - 240	DILM95-XSPR240 281206					
	240 - 500	DILM95-XSPR500 281207					
Varistor- Suppressors	24 - 48	DILM12-XSPV48 281208	DILM7 - DILM15	325	DILE...	VGDILE48 010320	625
	48 - 130	DILM12-XSPV130 281209				VGDILE250 010336	
	110 - 240	DILM12-XSPV240 281210				VGDILE415 010463	
	240 - 500	DILM12-XSPV500 281211					
	24 - 48	DILM32-XSPV48 281212	DILM17 - DILM32 DILK12-DILK25	525			
	48 - 130	DILM32-XSPV130 281213					
	110 - 240	DILM32-XSPV240 281214					
	240 - 500	DILM32-XSPV500 281215					
	24 - 48	DILM95-XSPV48 281216	DILM40 - DILM95 DILK33 - DILK50	600			
	48 - 130	DILM95-XSPV130 281217					
	110 - 240	DILM95-XSPV240 281218					
	240 - 500	DILM95-XSPV500 281219					

## Mechanical Interlock

For Use With	PART NO	MRP
DILM07 - DILM15	DILM12-XMV 281196	350
DILM17 - DILM38	DILM32-XMV 281197	
DILM40 - DILM72	DILM65-XMV 281198	
DILM80 - DILM170	DILM150-XMV 240081	2450
DILM185A,225A,250,300A,400,500,570	DILM500-XMV 208289	3025
DILM580,650,750,820,1000	DILM820-XMV 208288	On Request
DILE...	MVDILE 010113	375

▪ Ready Stock

# MPCB

## PKZM01 - Motor Protective Circuit Breaker, Push Button Type



KA (Iq) Rating at 400/415V	Rated Current(A)	Over Load Range (A)	Part No. Article No.	MRP
50KA	0.16	0.1 - 0.16	PKZM01-0.16 ■ 278475	2775
	0.25	0.16 - 0.25	PKZM01-0.25 ■ 278476	2775
	0.4	0.25 - 0.4	PKZM01-0.4 ■ 278477	2775
	0.63	0.4 - 0.63	PKZM01-0.63 ■ 278478	3200
	1	0.63 - 1	PKZM01-1 ■ 278479	3200
	1.6	1 - 1.6	PKZM01-1.6 ■ 278480	3325
	2.5	1.6 - 2.5	PKZM01-2.5 ■ 278481	3325
	4	2.5 - 4	PKZM01-4 ■ 278482	3325
	6.3	4 - 6.3	PKZM01-6.3 ■ 278483	3325
	10	6.3 - 10	PKZM01-10 ■ 278484	3400
	12	8 - 12	PKZM01-12 ■ 278485	3850
	16	10 - 16	PKZM01-16 ■ 283390	4050
	20	16 - 20	PKZM01-20 ■ 283383	4500
	25	20 - 25	PKZM01-25 ■ 288893	4650

■ Ready Stock

## PKZMO - Motor Protective Circuit Breaker with Rotary Handle



KA (Iq) Rating at 400/415V	Rated Current A	Over Load Range A	Part No. Article No.	MRP
150KA	0.16	0.1 - 0.16	PKZMO-0.16 ■ 072730	3700
	0.25	0.16 - 0.25	PKZMO-0.25 ■ 072731	3700
	0.4	0.25 - 0.4	PKZMO-0.4 ■ 072732	3700
	0.63	0.4 - 0.63	PKZMO-0.63 ■ 072733	3700
	1	0.63 - 1	PKZMO-1 ■ 072734	3700
	1.6	1 - 1.6	PKZMO-1.6 ■ 072735	4150
	2.5	1.6 - 2.5	PKZMO-2.5 ■ 072736	4150
	4	2.5 - 4	PKZMO-4 ■ 072737	4150
	6.3	4 - 6.3	PKZMO-6.3 ■ 072738	4150
	10	6.3 - 10	PKZMO-10 ■ 072739	4250
50KA	12	8 - 12	PKZMO-12 ■ 278486	4500
	16	10 - 16	PKZMO-16 ■ 046938	4500
	20	16 - 20	PKZMO-20 ■ 046988	4950
	25	20 - 25	PKZMO-25 ■ 046989	4950
	32	25 - 32	PKZMO-32 ■ 278489	8250

## PKZM04 - Motor Protective Circuit Breaker with Rotary Handle Type

KA (Iq) Rating at 400/415V	Rated Current	Over Load Range	Part No. Article No.	MRP
150KA	16	10 - 16	PKZM4-16 ■ 222350	4850
	25	16 - 25	PKZM4-25 ■ 222352	5350
50KA	32	25 - 32	PKZM4-32 ■ 222353	8850
	40	32 - 40	PKZM4-40 ■ 222354	9450
	50	40 - 50	PKZM4-50 ■ 222355	11825
	58	50 - 58	PKZM4-58 ■ 222394	13000
	65	55 - 65	PKZM4-65 ■ 222413	13000

■ Ready Stock

## Accessories

Type			Part No.	MRP
Auxiliary Contacts				
– Front Mounted	1NO		NHI-E-10-PKZO ■ 082884	500
	1NO	1NC	NHI-E-11-PKZO ■ 082882	615
		1NC	NHI-E-01-PKZO-C 229682	500
– Side Mounted	1NO	1NC	NHI11-PKZO ■ 072896	750
	1NO	2NC	NHI12-PKZO ■ 072895	850
	2NO	1NC	NHI21-PKZO ■ 072894	850
– Trip Contact	2NO		AGM2-10-PKZO ■ 072898	950
		2NC	AGM2-01-PKZO ■ 072899	950
Shunt Release	AC	230V	A-PKZO ■ 073187	1625
	DC	24V	A-PKZO ■ 073200	1625
UV Release	AC	230V	U-PKZO ■ 073135	1625
Rotary Handle, IP65	Rotary Handle, Black		PKZO-XH ■ 106132	1725
	Rotary Handle, Red-Yellow		PKZO-XRH ■ 106133	3075
IP 65 Enclosure	PK ZM01		C1 - PKZ01 - G ■ 281404	1650
			C1 - PKZ01 - SVB 281405	2150
			C1 - PKZ01 - PVT 281406	3150
	PKZM0		C1 - K2 - PKZO - G ■ 219654	2350
			C1 - K2 - PKZO - GR 219655	2450
	PKZM4		CI-K4 - PKZ4 - G ■ 225524	5050
		C1 - K4 - PKZ4 - GR 225525	5150	

# Overload Relay



- Phase failure sensitivity to IEC/EN 60947, VDE 0660 Part 102
- Test/off push button
- Reset push button manual/auto
- Trip-free release
- Direct Mounting

## ZE...

Setting Range of O/L release (A)	Auxiliary Contacts	For Use with Contactor	Part No. Article No.	MRP
0.1-0.16	1 N/O + 1 N/C	DILEM DIULEM/21/MV SDAINLEM	ZE-0.16 ■ 014263	1225
0.16-0.24			ZE-0.24 ■ 014285	1225
0.24-0.4			ZE-0.4 ■ 014300	1225
0.4-0.6			ZE-0.6 ■ 014333	1225
0.6-1			ZE-1.0 ■ 014376	1225
1-1.6			ZE-1.6 ■ 014432	1225
1.6-2.4			ZE-2.4 ■ 014479	1225
2.4-4			ZE-4 ■ 014518	1225
4-6			ZE-6 ■ 014565	1225
6-9			ZE-9 ■ 014708	1225
9-12			ZE-12 ■ 014752	1225



- Phase failure sensitivity
- Test/off push button
- Reset push button manual/auto
- Trip-free release
- Direct Mounting

## ZB12

Setting Range of O/L release (A)	Auxiliary Contacts	For Use with Contactor	Part No. Article No.	MRP
0.1-0.16	1 N/O + 1 N/C	DILM 7...DILM 15	ZB12-0.16 ■ 278431	1215
0.16-0.24			ZB12-0.24 ■ 278432	1215
0.24-0.4			ZB12-0.40 ■ 278433	1215
0.4-0.6			ZB12-0.60 ■ 278434	1215
0.6-1			ZB12-1 ■ 278435	1215
1-1.6			ZB12-1.60 ■ 278436	1215
1.6-2.4			ZB12-2.4 ■ 278437	1215
2.4-4			ZB12-4 ■ 278438	1215
4-6			ZB12-6 ■ 278439	1215
6-10			ZB12-10 ■ 278440	1215
9-12			ZB12-12 ■ 278441	1215
12-16			ZB12-16 ■ 290168	1325

■ Ready Stock



# Overload Relay

## ZB32

Setting Range of O/L release (A)	Auxiliary Contacts	For Use with Contactor	Part No. Article No.	MRP
0.1-0.16	1 N/O + 1 N/C	DILM 17...DILM 38	ZB32-0.16 ■ 278442	1325
0.16-0.24			ZB32-0.24 ■ 278443	1325
0.24-0.4			ZB32-0.40 ■ 278444	1325
0.4-0.6			ZB32-0.60 ■ 278445	1325
0.6-1			ZB32-1 ■ 278446	1325
1-1.6			ZB32-1.60 ■ 278447	1325
1.6-2.4			ZB32-2.4 ■ 278448	1325
2.4-4			ZB32-4 ■ 278449	1325
4-6			ZB32-6 ■ 278450	1325
6-10			ZB32-10 ■ 278451	1325
10-16			ZB32-16 ■ 278452	1550
16-24			ZB32-24 ■ 278453	1550
24-32			ZB32-32 ■ 278454	2250
32-38			ZB32-38 ■ 112474	2350

## ZB65

Setting Range of O/L release (A)	Auxiliary Contacts	For Use with Contactor	Part No. Article No.	MRP
6-10	1 N/O + 1 N/C	DILM 40...DILM 72	ZB65-10 278455	1600
10-16			ZB65-16 278456	1600
16-24			ZB65-24 278457	1600
24-40			ZB65-40 278458	2475
40-57			ZB65-57 278459	3300
50-65			ZB65-65 278460	3650
65-75			ZB65-75 108792	On Request

## ZB150

Setting Range O/L release (A)	Auxiliary Contacts	Part No. with Contactor	Article No. Article No.	MRP
30-50	1 N/O + 1 N/C	DILM 80...DILM 170	ZB150-50 278462	4050
50-70			ZB150-70 278463	4150
70-100			ZB150-100 278464	4850
95-125			ZB150-125 278465	5350
120-150			ZB150-150 278466	6150
145-175			ZB150-175 107316	6550

■ Ready Stock

# Overload Relay

## Z5

Setting Range for O/L release (A)	Auxiliary Contacts	For Use with Contactor	Part No. Article No.	MRP
50-70	1 N/O + 1 N/C	DILM 185A DILM 225A	Z5-70/FF225A 139572	On Request
70-100			Z5-100/FF225A 139573	
95-125			Z5-125/FF225A 139574	
120-160			Z5-160/FF225A 139575	
160-220			Z5-220/FF225A 139576	
200-250			Z5-250/FF225A 139577	
50-70		DILM 250	Z5-70/FF250 210070	On Request
70-100			Z5-100/FF250 210071	
95-125			Z5-125/FF250 210072	
120-160			Z5-160/FF250 210073	
160-220			Z5-220/FF250 210074	
200-250			Z5-250/FF250 210075	
250 - 300		DILM 300	Z5-300/FF250 139578	On Request

## ZW7 Current Transformer - Operated Overload Relay

Setting Range for O/L release (A)	Auxiliary Contacts	Part No. Article No.	MRP
42-63	1 N/O + 1 N/C	ZW7-63 000245	11800
60-90		ZW7-90 002618	11800
85-125		ZW7-125 004991	13475
110-160		ZW7-160 007364	13475
160-240		ZW7-240 009737	15825
190-290		ZW7-290 052448	15825
270-400		ZW7-400 045329	15875
360-540		ZW7-540 047702	18025
420-630		ZW7-630 050075	18025

## Accessories

Base  
For Separate Mounting



For Use with	Part No. Article No.	MRP
ZB32	ZB32-XEZ 278473	275
ZB65	ZB65-XEZ 278474	425

■ Ready Stock

# Type 2 Coordination Tables

## Direct-on-Line Starter, 400/415 V

AC-3 380 V 400 V 415 V	Rated operation current 400 V	Rated short circuit current		Overload release	Short-circuit release	MPCB	Contactor
P KW	Ie A	Iq KA	(50)	Ir KA	Irm A	Part No.	Part No.
0.06	0.21	150	(50)	0.16-0.25	3.5	PKZM0-0.25	DILM7-..
0.09	0.31	150	(50)	0.25-0.4	5.6	PKZM0-0.4	DILM7-..
0.12	0.41	150	(50)	0.40-0.63	8.82	PKZM0-0.63	DILM7-..
0.18	0.6	150	(50)	0.40-0.63	8.82	PKZM0-0.63	DILM7-..
0.25	0.8	150	(50)	0.63-1	14	PKZM0-1	DILM7-..
0.37	1.1	150	(50)	1.00-1.6	22.4	PKZM0-1.6	DILM7-..
0.55	1.5	150	(50)	1.00-1.6	22.4	PKZM0-1.6	DILM7-..
0.75	1.9	150	(50)	1.60-2.5	35	PKZM0-2.5	DILM7-..
1.1	2.6	150	(50)	2.50-4	56	PKZM0-4	DILM7-..
1.5	3.6	150	(50)	2.50-4	56	PKZM0-4	DILM7-..
2.2	5	150	(50)	4.00-6.3	88.2	PKZM0-6.3	DILM7-..
3	6.6	150	(50)	6.3-10	140	PKZM0-10	DILM17-..
4	8.5	150	(50)	6.3-10	140	PKZM0-10	DILM17-..
5.5	11.3	50		8-12	168	PKZM0-12	DILM17-..
7.5	16(15.5)2	50		10-16	224	PKZM0-16	DILM17-..
11	21.7	50		20-25	350	PKZM0-25	DILM25-..
15	29.3	50		25-32	448	PKZM0-32	DILM32-..
18.5	36	50		32-40	560	PKZM4-40	DILM40
22	41	50		40-50	700	PKZM4-50	DILM50
30	55	50		50-58	812	PKZM4-58	DILM65
37	68	50		63-80	8-14*	NZMN1-M80	DILM80
45	81	50		80-100	8-12.5*	NZMN1-M100	DILM95
55	99	50		80-100	8-14*	NZMN2-M160	DILM115
75	134	50		125-160	8-14*	NZMN2-M160	DILM150
90	161	50		160-200	8-14*	NZMN2-M200	DILM185
110	196	50		160-200	8-14*	NZMN2-M200	DILM225

## Star Delta Starter, 400/415V

Kw	Rating (A)	S/C Current	MPCB/MCCB			Contactor			Timer
			Type	O/L Release	S/C Release	Line	Delta	Star	
5.5	11.3	50	PKZM0-12	8...12	168	DILM17	DILM17	DILM17	ETR4-51
7.5	15.2	50	PKZM0-16	10...16	224	DILM17	DILM17	DILM17	ETR4-51
11	21.7	50	PKZM0-25	20...25	350	DILM17	DILM17	DILM17	ETR4-51
12.5	25	50	PKZM0-25	20...25	350	DILM17	DILM17	DILM17	ETR4-51
15	29.3	50	PKZM0-32	25...32	448	DILM17	DILM17	DILM17	ETR4-51
18.5	36	50	PKZM4-40	32...40	560	DILM40	DILM40	DILM40	ETR4-51
22	41	50	PKZM4-50	40...50	700	DILM40	DILM40	DILM40	ETR4-51
30	55	50	PKZM4-58	50...58	812	DILM40	DILM40	DILM40	ETR4-51
37	68	50	NZMN1-M80	63...80	8-14	DILM80	DILM80	DILM50	ETR4-51
45	81	50	NZMN1-M100	80...100	8-12.5	DILM80	DILM80	DILM50	ETR4-51
55	99	50	NZMN1-M100	80...100	8-14	DILM80	DILM80	DILM50	ETR4-51
65	116	50	NZMN2-M125	100..125	8-14	DILM95	DILM95	DILM65	ETR4-51
75	134	50	NZMN2-M160	125..160	8-14	DILM115	DILM115	DILM80	ETR4-51
90	161	50	NZMN2-M200	160..200	8-14	DILM185	DILM185	DILM115	ETR4-51
110	196	50	NZMN2-M200	160..200	8-14	DILM185	DILM185	DILM115	ETR4-51

■ Ready Stock



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1. Prices are Maximum Retail Prices, Ex Warehouse.
2. Prices are subject to change without prior notice.
3. Prices applicable at the time of delivery will be charged.
4. Normal stock items classification is subject to change without prior notice
5. Warranty: Products are covered under warranty for a period of 12 months from the date of supply against any manufacturing defect subject to usage under normal conditions and as per technical parameters set out in technical catalogues and installation manuals.

Eaton's liability shall be limited to replace/repair the defective product, at its option, ex warehouse basis, after the defective products is returned to our warehouse/sales office.



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