

Cubicles with reactors CDXR-L / CLMX-L



Application

The switchgear systems CLMX-L and CDXR-L are designed for centralized compensation with high reactive power requirements in networks with harmonics. CLMX-L is specially designed for rough environmental conditions and available for networks up to 690 V.

Advantages

- Reactor for each step dimensioned for continuous operation with harmonics
- No audio frequency block necessary in networks with remote control
- Degree of Protection IP20
- Standard execution with cable entry from the bottom, optional from top

Description

The bank is factory mounted and tested and ready for connection. The component arrangement guarantees optimized thermal conditions. The power controller RVC switches the compensation power in steps according the actual requirements. Capacitors and reactors are dimensioned according the step power, harmonics and remote control frequency.

Rated voltage 400 V / 50 Hz (Threephase)

Rated power kvar	Switching steps kvar	Description	Protection fuse* A	Dimensions W x D x H mm	Weight net kg	Article code
Basic units with controller, Reactor rate 7%						
137,5	11x12,5	CDXR-400/50-11x12,5-L070	315	640 x 651 x 2084	255	A176-CAK
187,5	15x12,5	CDXR-400/50-15x12,5-L070	400	640 x 651 x 2084	300	A176-CAP
237,5	19x12,5	CDXR-400/50-19x12,5-L070	500	640 x 651 x 2084	345	A176-CAU
287,5	23x12,5	CDXR-400/50-23x12,5-L070	630	840 x 651 x 2084	405	A176-CBZ
125	5x25	CDXR-400/50-5x25-L070	250	640 x 651 x 2084	235	A176-CCC
150	6x25	CDXR-400/50-6x25-L070	315	640 x 651 x 2084	260	A176-CCD
175	7x25	CDXR-400/50-7x25-L070	400	640 x 651 x 2084	280	A176-CCE
200	8x25	CDXR-400/50-8x25-L070	400	640 x 651 x 2084	305	A176-CCF
225	9x25	CDXR-400/50-9x25-L070	500	640 x 651 x 2084	325	A176-CCG
250	10x25	CDXR-400/50-10x25-L070	500	640 x 651 x 2084	350	A176-CCH
275	11x25	CDXR-400/50-11x25-L070	630	640 x 651 x 2084	370	A176-CCK
300	12x25	CDXR-400/50-12x25-L070	630	840 x 651 x 2084	410	A176-CDL
325	13x25	CDXR-400/50-13x25-L070	630	840 x 651 x 2084	425	A176-CDM
350	14x25	CDXR-400/50-14x25-L070	800	840 x 651 x 2084	450	A176-CDN
375	15x25	CDXR-400/50-15x25-L070	800	840 x 651 x 2084	470	A176-CDP

*Cable dimensioning according page 6

Other voltages, frequencies, power-ratings, reactor-rates on request

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150	3x50	CDXR-400/50-3x50-L070	315	640 x 651 x 2084	255	A176-CEA
200	4x50	CDXR-400/50-4x50-L070	400	640 x 651 x 2084	300	A176-CEB
250	5x50	CDXR-400/50-5x50-L070	500	640 x 651 x 2084	345	A176-CEC
300	6x50	CDXR-400/50-6x50-L070	630	640 x 651 x 2084	385	A176-CED
350	7x50	CDXR-400/50-7x50-L070	800	840 x 651 x 2084	445	A176-CFE
400	8x50	CDXR-400/50-8x50-L070	800	840 x 651 x 2084	490	A176-CFF
Extension units without controller, without sidewalls, Reactor rate 7%						
100	2x50	CDXR-400/50-2x50-L070/E	200	640 x 651 x 2084	180	F176-CKB
150	3x50	CDXR-400/50-3x50-L070/E	315	640 x 651 x 2084	225	F176-CKC
200	4x50	CDXR-400/50-4x50-L070/E	400	640 x 651 x 2084	265	F176-CKD
250	5x50	CDXR-400/50-5x50-L070/E	500	640 x 651 x 2084	315	F176-CKE
300	6x50	CDXR-400/50-6x50-L070/E	630	640 x 651 x 2084	355	F176-CKF
350	7x50	CDXR-400/50-7x50-L070/E	800	840 x 651 x 2084	415	F176-CKG
400	8x50	CDXR-400/50-8x50-L070/E	800	840 x 651 x 2084	460	F176-CKH
Basic units with controller, Reactor rate 12,5%						
137,5	11x12,5	CDXR-400/50-11x12,5-L125	315	640 x 651 x 2084	280	A176-EAK
187,5	15x12,5	CDXR-400/50-15x12,5-L125	400	640 x 651 x 2084	335	A176-EAP
237,5	19x12,5	CDXR-400/50-19x12,5-L125	500	640 x 651 x 2084	390	A176-EAU
287,5	23x12,5	CDXR-400/50-23x12,5-L125	630	840 x 651 x 2084	455	A176-EBZ
125	5x25	CDXR-400/50-5x25-L125	250	640 x 651 x 2084	260	A176-ECC
150	6x25	CDXR-400/50-6x25-L125	315	640 x 651 x 2084	290	A176-ECD
175	7x25	CDXR-400/50-7x25-L125	400	640 x 651 x 2084	315	A176-ECE
200	8x25	CDXR-400/50-8x25-L125	400	640 x 651 x 2084	345	A176-ECF
225	9x25	CDXR-400/50-9x25-L125	500	640 x 651 x 2084	370	A176-ECG
250	10x25	CDXR-400/50-10x25-L125	500	640 x 651 x 2084	400	A176-ECH
275	11x25	CDXR-400/50-11x25-L125	630	640 x 651 x 2084	420	A176-ECK
300	12x25	CDXR-400/50-12x25-L125	630	840 x 651 x 2084	465	A176-EDL
325	13x25	CDXR-400/50-13x25-L125	630	840 x 651 x 2084	490	A176-EDM
350	14x25	CDXR-400/50-14x25-L125	800	840 x 651 x 2084	520	A176-EDN
375	15x25	CDXR-400/50-15x25-L125	800	840 x 651 x 2084	540	A176-EDP
150	3x50	CDXR-400/50-3x50-L125	315	640 x 651 x 2084	280	A176-EEA
200	4x50	CDXR-400/50-4x50-L125	400	640 x 651 x 2084	335	A176-EEB
250	5x50	CDXR-400/50-5x50-L125	500	640 x 651 x 2084	390	A176-EEC
300	6x50	CDXR-400/50-6x50-L125	630	640 x 651 x 2084	440	A176-EED
350	7x50	CDXR-400/50-7x50-L125	800	840 x 651 x 2084	510	A176-EFE
400	8x50	CDXR-400/50-8x50-L125	800	840 x 651 x 2084	560	A176-EFF
Extension units without controller, without sidewalls, Reactor rate 12,5%						
100	2x50	CDXR-400/50-2x50-L125/E	200	640 x 651 x 2084	195	F176-EKB
150	3x50	CDXR-400/50-3x50-L125/E	315	640 x 651 x 2084	250	F176-EKC
200	4x50	CDXR-400/50-4x50-L125/E	400	640 x 651 x 2084	305	F176-EKD
250	5x50	CDXR-400/50-5x50-L125/E	500	640 x 651 x 2084	360	F176-EKE
300	6x50	CDXR-400/50-6x50-L125/E	630	640 x 651 x 2084	410	F176-EKF
350	7x50	CDXR-400/50-7x50-L125/E	800	840 x 651 x 2084	475	F176-EKG
400	8x50	CDXR-400/50-8x50-L125/E	800	840 x 651 x 2084	530	F176-EKH

*Cable dimensioning according page 6

Other voltages, frequencies, power-ratings, reactor-rates on request

Cubicles with reactors

CDXR-L / CLMX-L

Rated voltage 400 V / 50 Hz (Threephase)

Rated power kvar	Switching steps kvar	Description	Protection fuse* A	Dimensions W x D x H mm	Weight net kg	Article code
Unité de base avec régulateur varométrique et self 7%**						
137,5	11x12,5	CLMX-400/50-11x12,5-L070	315	640 x 651 x 2084	370	A190-OHG
187,5	15x12,5	CLMX-400/50-15x12,5-L070	400	640 x 651 x 2084	390	A190-OHM
237,5	19x12,5	CLMX-400/50-19x12,5-L070	500	640 x 651 x 2084	420	A190-OHS
287,5	23x12,5	CLMX-400/50-23x12,5-L070	630	840 x 651 x 2084	510	A190-OHX
125	5x25	CLMX-400/50-5x25-L070	250	640 x 651 x 2084	390	A190-ORC
150	6x25	CLMX-400/50-6x25-L070	315	640 x 651 x 2084	405	A190-ORD
175	7x25	CLMX-400/50-7x25-L070	400	640 x 651 x 2084	430	A190-ORE
200	8x25	CLMX-400/50-8x25-L070	400	640 x 651 x 2084	445	A190-ORF
225	9x25	CLMX-400/50-9x25-L070	500	640 x 651 x 2084	460	A190-ORG
250	10x25	CLMX-400/50-10x25-L070	500	840 x 651 x 2084	520	A190-ORH
275	11x25	CLMX-400/50-11x25-L070	630	840 x 651 x 2084	570	A190-ORK
300	12x25	CLMX-400/50-12x25-L070	630	840 x 651 x 2084	620	A190-ORL
150	3x50	CLMX-400/50-3x50-L070	315	640 x 651 x 2084	370	A190-OTA
200	4x50	CLMX-400/50-4x50-L070	400	640 x 651 x 2084	390	A190-OTB
250	5x50	CLMX-400/50-5x50-L070	500	840 x 651 x 2084	490	A190-OTC
300	6x50	CLMX-400/50-6x50-L070	630	840 x 651 x 2084	510	A190-OTD
Extension units without controller, without sidewalls, Reactor rate 7%						
150	3x50	CLMX-400/50-3x50-L070/E	315	640 x 651 x 2084	370	F190-OTA
200	4x50	CLMX-400/50-4x50-L070/E	400	640 x 651 x 2084	390	F190-OTB
250	5x50	CLMX-400/50-5x50-L070/E	500	840 x 651 x 2084	490	F190-OTC
300	6x50	CLMX-400/50-6x50-L070/E	630	840 x 651 x 2084	510	F190-OTD
Basic units with controller, Reactor rate 12,5%						
137,5	11x12,5	CLMX-400/50-11x12,5-L125	315	640 x 651 x 2084	370	A190-OKG
187,5	15x12,5	CLMX-400/50-15x12,5-L125	400	640 x 651 x 2084	390	A190-OKM
237,5	19x12,5	CLMX-400/50-19x12,5-L125	500	840 x 651 x 2084	420	A190-OKS
287,5	23x12,5	CLMX-400/50-23x12,5-L125	630	840 x 651 x 2084	510	A190-OKX
125	5x25	CLMX-400/50-5x25-L125	250	640 x 651 x 2084	390	A190-AKC
150	6x25	CLMX-400/50-6x25-L125	315	640 x 651 x 2084	405	A190-AKD
175	7x25	CLMX-400/50-7x25-L125	400	640 x 651 x 2084	430	A190-AKE
200	8x25	CLMX-400/50-8x25-L125	400	640 x 651 x 2084	445	A190-AKF
225	9x25	CLMX-400/50-9x25-L125	500	640 x 651 x 2084	460	A190-AKG
250	10x25	CLMX-400/50-10x25-L125	500	840 x 651 x 2084	520	A190-AKH
275	11x25	CLMX-400/50-11x25-L125	630	840 x 651 x 2084	570	A190-AKK
300	12x25	CLMX-400/50-12x25-L125	630	840 x 651 x 2084	620	A190-AKL
150	3x50	CLMX-400/50-3x50-L125	315	640 x 651 x 2084	370	A190-AMA
200	4x50	CLMX-400/50-4x50-L125	400	640 x 651 x 2084	390	A190-AMB
250	5x50	CLMX-400/50-5x50-L125	500	840 x 651 x 2084	490	A190-AMC
300	6x50	CLMX-400/50-6x50-L125	630	840 x 651 x 2084	510	A190-AMD
Extension units without controller, without sidewalls, Reactor rate 12,5%						
150	3x50	CLMX-400/50-3x50-L125/E	315	640 x 651 x 2084	370	F190-AMA
200	4x50	CLMX-400/50-4x50-L125/E	400	640 x 651 x 2084	390	F190-AMB
250	5x50	CLMX-400/50-5x50-L125/E	500	840 x 651 x 2084	490	F190-AMC
300	6x50	CLMX-400/50-6x50-L125/E	630	840 x 651 x 2084	510	F190-AMD

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