Fixed capacitors
CLMD

Application

The CLMD fixed capacitor is particularly suitable for compensation on site i.e. directly on the electrical equipment which generates reactive power (such as electric motors, transformers). It can also be used where capacitors have to fulfil high mechanical requirements.

Description

The CLMD power capacitor consists of a number of single-phase cylindrical windings made of metallized polypropylene foil. Each element contains an internal winding fuse according to the IPE principle. The individual self-healing capacitors are installed together with cooling plates in a common sheet metal housing with fireproof granulate filling.

Advantages

- Wired ready for connection
- Mechanically robust and compact construction
- Robust unbreakable terminals
- Easy installation
- Mounting in any position
- Protection degree IP 42 or IP 54
- Terminals fitted with discharge resistors
- Leakproof and environmental friendly dry capacitor
- Self-healing capacitors with patented winding protection
- Light in weight, no hoisting equipment required

Rated voltage 400 V / 50 Hz / (Threephase) Capacitor design 440 V / 50 Hz					
Rated power kvar	**Description**	**Protection fuse* A**	**Dimensions W x D x H mm**	**Weight net kg**	**Article code**
5	**CLMD 13-400/50-5,0**	16	182 x 80 x 262	2	K049-311
10	**CLMD 13-400/50-10**	25	182 x 80 x 262	2	K049-313
12,5	**CLMD 13-400/50-12,5**	35	182 x 80 x 262	2	K049-314
15	**CLMD 13-400/50-15**	35	182 x 80 x 262	2	K049-315
20	**CLMD 43-400/50-20**	50	176 x 152 x 275	7	C161-OAH
25	**CLMD 43-400/50-25**	63	176 x 152 x 275	8	C161-OAK
30	**CLMD 53-400/50-30**	63	346 x 152 x 310	9	C161-OAL
35	**CLMD 53-400/50-35**	80	346 x 152 x 310	10	C161-OAM
40	**CLMD 53-400/50-40**	100	346 x 152 x 310	11	C161-OAN
50	**CLMD 63-400/50-50**	125	346 x 152 x 485	15	C161-OAP
60	**CLMD 63-400/50-60**	125	346 x 152 x 485	17	C161-OAR
70	**CLMD 63-400/50-70**	160	346 x 152 x 485	18	C161-OAS
80	**CLMD 63-400/50-80**	200	346 x 152 x 485	25	C161-OAT
100	**CLMD 83-400/50-100**	200	346 x 152 x 670	25	C161-OAU
120	**CLMD 83-400/50-120**	250	346 x 152 x 670	27	C161-OAV

*Cable dimensioning according page 6

Discharge to 75 V max. 3 minutes after disconnection
Other voltages, frequencies, power-ratings, reactor-rates on request