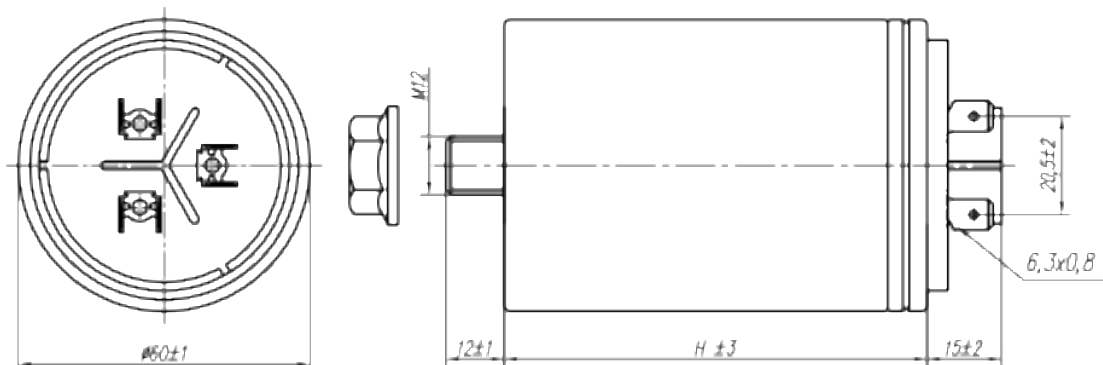


**THREE-PHASE POLYPROPYLENE CAPACITORS
FOR POWER FACTOR CORRECTION****TECHNICAL DATA:**

- Rated voltage:
 - Rated power:
 - Rated frequency:
 - Capacitance tolerance:
 - Temperature range:
 - Storage temperature :
 - Dielectric:
 - Filling:
 - Type of work:
 - Connection :
 - Discharge resistor:
 - Discharge time:
 - Losses:
 - Dielectric:
 - Total (50Hz):
 - Dielectric strength:
 - between terminals
 - between terminals connected together and case
 - Terminals:
 - Case:
 - Humidity class:
 - Over voltages:
 - Max. current:
 - In rush current(max)
 - Number of switches per year:
 - Max du/dt
 - Safety:
 - Cooling:
 - Mounting position:
 - Protection degree:
 - Installation:
 - The capacitors meet the requirements of:
 - Expected life time:
 - Fixing:
- acc. table page 2,
 - Qn @50Hz acc. table page 2,
 - Q1+Q5 @50Hz acc. table page 3,
 - 50Hz or 60Hz
 - -5...+ 10%,
 - -25°C do + 55°C (-25/D)
 - during 24h ≤45°C
 - during 1year ≤35°C
 - -40°C do +70°C
 - metallized polypropylene film
 - PUR (oil), PCB-free
 - continuous
 - delta, acc. picture 1 page 3
 - internal
 - ≤ 3min. do 75V
 - ≤0,2 W/kvar
 - ≤0,5 W/kvar
 - 2,15 x Un/50Hz- 2s
 - 3,6kV / 50Hz - 2s,
 - 3x double fast-on tabs 6,3x0,8,
 - cylindrical, aluminum,
 - C
 - 1,1 x Un (up to 8 h daily)
 - 1,3 x In
 - 100 x In
 - ≤ 5000 acc. EN 60831-1
 - ≤ 30V/μs
 - self-healing, mechanical disconnection device
 - natural or forced,
 - vertical,
 - IP00,
 - inside, altitude ≤ 2000m,
 - IEC 60831-1/2; PN-EN60831-1/2
 - >100 000h class D
 - M12,max torque 12Nm

Label

MIFLEX**MKSP-3Fc**C_N = 3 x 13,3μF -5 +10%Q_N = 2kvar I_N = 2,9AU_N = 400V- 50Hz

-25/D SH

Układ pol: Δ

Bez PCB

IEC 60831-1-2



MADE IN POLAND

J3

A free space of min. 12mm is required above the capacitor to enable correct operation of the mechanical disconnection device. This product fulfils the requirements of the RoHS Directive (2011/65/UE).





THREE-PHASE POLYPROPYLENE CAPACITORS FOR POWER FACTOR CORRECTION

Rated voltage Un	Reactive power Qn	Rated capacitance Cn	Rated current In	Dimension H	Weight	Code
[V]	[kVar]	[µF]	[A]	[mm]	[kg]	[-]
400	1,0	3 x 6,6	1,4	145	0,43	I130V010J-3FC
	1,5	3 x 9,95	2,2	145	0,43	I130V015J-3FC
	2,0	3 x 13,3	2,9	145	0,43	I130V020J-3FC
	2,5	3 x 16,6	3,6	145	0,43	I130V025J-3FC
	3,0	3 x 19,9	4,3	145	0,43	I130V030J-3FC
	3,5	3 x 23,2	5,1	145	0,43	I130V035J-3FC
440	0,4	3 x 2,2	0,5	145	0,43	I130X004J-3FC
	0,75	3 x 4,1	1,0	145	0,43	I130X007J5-3FC
	1,0	3 x 5,5	1,3	145	0,43	I130X010J-3FC
	1,5	3 x 8,2	2,0	145	0,43	I130X015J-3FC
	2,0	3 x 11,0	2,6	145	0,43	I130X020J-3FC
	2,5	3 x 13,7	3,3	145	0,43	I130X025J-3FC
	3,0	3 x 16,4	3,9	145	0,43	I130X030J-3FC
	3,5	3 x 19,2	4,6	145	0,43	I130X035J-3FC

Attention:

On request, capacitors with other power ratings below 3.5kvar are available.





THREE-PHASE POLYPROPYLENE CAPACITORS FOR POWER FACTOR CORRECTION

Un	Cn	Qn	Q1 [kvar]	Q2 [kvar]	Q3 [kvar]	Q4 [kvar]	Q5 [kvar]
[V]	[μF]	[kvar]	230V	400V	415V	425V	440V
400	3 x 6,6	1,0	0,33	1,0	-	-	-
	3 x 9,95	1,5	0,50	1,5	-	-	-
	3 x 13,3	2,0	0,66	2,0	-	-	-
	3 x 16,6	2,5	0,83	2,5	-	-	-
	3 x 19,9	3,0	0,99	3,0	-	-	-
	3 x 23,2	3,5	1,16	3,5	-	-	-
440	3 x 2,2	0,4	0,11	0,33	0,36	0,37	0,40
	3 x 4,1	0,75	0,20	0,62	0,67	0,70	0,75
	3 x 5,5	1,0	0,27	0,83	0,89	0,93	1,00
	3 x 8,2	1,5	0,41	1,24	1,33	1,40	1,50
	3 x 11,0	2,0	0,55	1,65	1,78	1,87	2,00
	3 x 13,7	2,5	0,68	2,07	2,22	2,33	2,50
	3 x 16,4	3,0	0,82	2,48	2,67	2,80	3,00
	3 x 19,2	3,5	0,96	2,89	3,11	3,27	3,50

Picture 1 - Internal connection

