

ESTAdry[®] D-Type Capacitor For Outdoor Use



ESTAdry[®] D-TYPE THREE PHASE MK-POWER CAPACITOR
ACCORDING TO DIN EN 60831-1/2 FOR OUTDOOR APPLICATION

MK = Metallized Plastic Film Dielectric.

ESTAdry[®] MK-type capacitor for power factor correction in
low voltage systems.

RATED VOLTAGES

400V, 415V, 440V, 460V, 525V, 690V, 760V

RATED FREQUENCY

50Hz*

RATED OUTPUT

50kvar, other outputs upon request

CASING

Aluminum, welded and hermetically sealed

*Can also be used for 60Hz. The output will be 1.2 times higher. A lower class of temperature might be taken into account.

DEGREE OF PROTECTION

IP00, Outdoor

STANDARDS

DIN EN 60831-1/-2, IEC60831-1/-2 (VDE 0560-46/-47)

LOSSES (INCLUDING DISCHARGE RESISTORS)

Less than 0.40 watt per kvar at upper temperature limit

DIELECTRIC

Polypropylene film

IMPREGNANT

Without, dry type, NON-PCB, NON-toxic

ELECTRODES

Self-healing

SAFETY DEVICES

Self-healing dielectric and overpressure tear-off fuses
internal discharge resistors for $U \leq 75V$, $t = 180s$

TEMPERATURE CLASS

- 25/D (max. 55°C), (- 40/D upon request)

SHELF TEMPERATURE

- 40/+ 70°C

SWITCH-IN-CURRENT

Max.300 x I_N

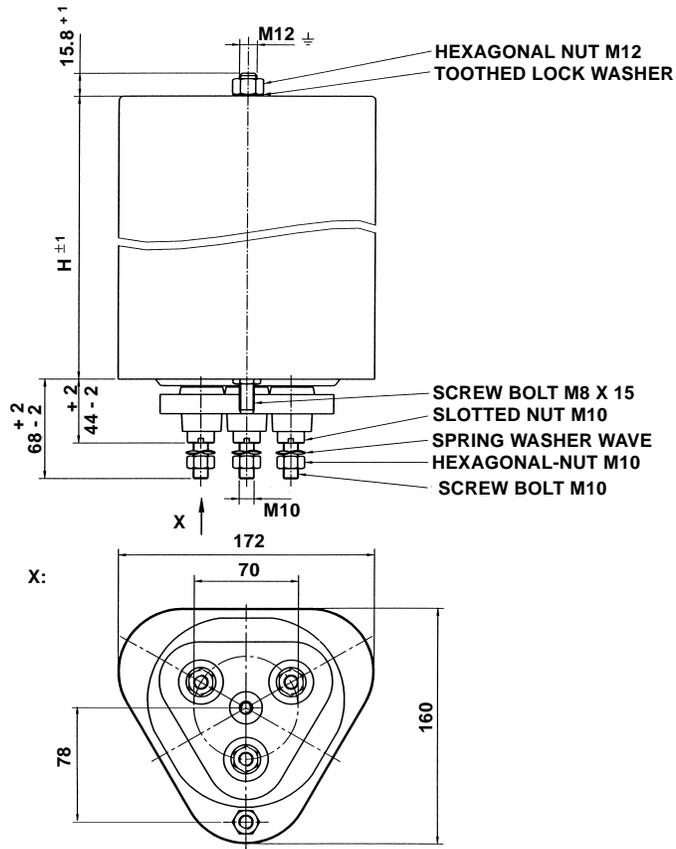
INSULATION

6/25kV

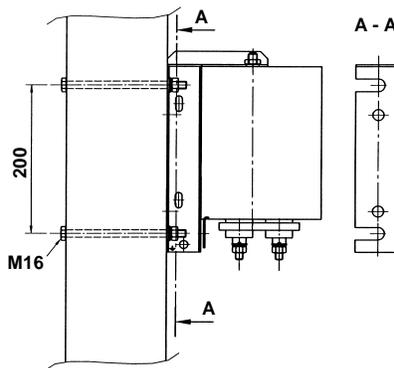
TESTS

Terminal/Terminal: $2.15 \times U_N/2$ seconds

Terminal/Casing: 6000V/10 seconds



ACCESSORIES: SUPPORT FOR POLE AND WALL MOUNTING



Available types same as for indoor use, different type designation "F".
For example:

TYPE	ARTICLE NO.	RATED VOLTAGE [V]	RATED OUTPUT [kvar]	CAPACITANCE [μ F]	CURRENT [A]	WEIGHT [kg]	HEIGHT H [mm]
PhMKDgF 460.3.50	40289	460	50	3 x 250.7 Δ	63	app. 4.9	210