



MOTORSTART CAPACITOR IN
DOUBLE CAN

OUTSIDE CAN IS INSULATED

CLASS IP 54

■ FEATURES

- Insulated aluminium can
- Protection according to IP 54
- Connecting cable
- Double potted design
- VDE approval for selected products

RoHS compliant
REACH compliant

■ APPLICATIONS

- Motorstart
- Whitegood motorcontrol

■ GENERAL SPECIFICATIONS

Items	Characteristics
Clima category	10/060/21
Tolerance	±10%
Specs. for selected items	VDE DIN EN 60252-2
Content of supply	If mounting stud then with fixing nut
Terminals	Connection cable: normal length 300mm or custom-tailored
The alternated current load may occur at most 20 times per hour with the following values:	
Percentage duty cycle	Ripple current loading
AB 0,55 % ED	20 turn-ons with each 1,0 sec duration
AB 1,50 % ED	20 turn-ons with each 2,7 sec duration
AB 1,70 % ED	20 turn-ons with each 3,0 sec duration

Different voltages and capacitance combinations are available on request. Also in small lots.

Stand: 05/2015

■ DRAWINGS FOR SERIES MDK

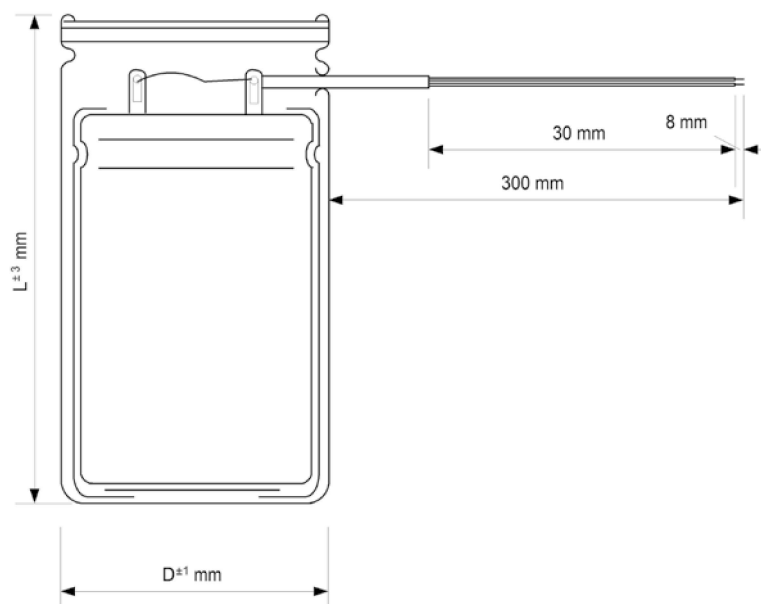


Fig1: SH for clamp mounting

■ STANDARD VALUES TYPE MDK

U _R ~ 50-60 Hz [V]	C _R [μF]	DC @50 Hz [%]	DC @60 Hz [%]	Dx L [mm]	VDE sign	Order code
						Plain base: MDKA...
						Stud mounting: MDKB...
160 V ~	100	1,70	1,36	36,8 x 69	-	10116036,8069
	125	1,70	1,36	36,8 x 69	-	2116036,8069
	140	1,70	1,36	36,8 x 69	-	14116036,8069
	160	1,70	1,36	36,8 x 69	-	16116036,8069
	180	1,70	1,36	36,8 x 69	-	18116036,8069
	200	1,70	1,36	36,8 x 69	-	20116036,8069
	250	1,70	1,36	36,8 x 83	-	25116036,8083
	300	1,70	1,36	36,8 x 83	-	30116036,8083
	350	1,70	1,36	36,8 x 83	-	35116036,8083
	400	1,70	1,36	41,8 x 83	-	40116041,8083
	450	1,70	1,36	41,8 x 83	-	45116041,8083
	500	1,70	1,36	41,8 x 83	-	50116041,8083
	850	1,70	1,36	51,8 x 118	-	85116051,8118
320 V ~	70	0,55	0,44	36,8 x 83	-	70032036,8083
	80	0,55	0,44	36,8 x 83	-	80032036,8083
	90	0,55	0,44	36,8 x 83	-	90032036,8083
	100	0,55	0,44	36,8 x 83	-	10132036,8083
	125	0,55	0,44	36,8 x 83	-	12132036,8083
	140	0,55	0,44	36,8 x 83	-	14132036,8083
	160	0,55	0,44	41,8 x 83	-	16132041,8083

U _R ~ 50-60 Hz [V]	C _R [μF]	DC @50 Hz [%]	DC @60 Hz [%]	Dx L [mm]	VDE sign	Order code
						Plain base: MDKA...
						Stud mounting: MDKB...
320 V ~	180	0,55	0,44	41,8 x 83	-	18132041,8083
	200	0,55	0,44	41,8 x 83	-	20132041,8083
	250	0,55	0,44	51,8 x 118	-	25132051,8118
	300	0,55	0,44	51,8 x 118	-	30132051,8118
	10	1,70	1,36	36,8 x 72	yes	10032036,8072
	15	1,70	1,36	36,8 x 72	yes	15032036,8072
	20	1,70	1,36	36,8 x 72	yes	20032036,8072
	25	1,70	1,36	36,8 x 72	yes	25032036,8072
	30	1,70	1,36	36,8 x 72	yes	30032036,8072
	40	1,70	1,36	36,8 x 72	yes	40032036,8072
	50	1,70	1,36	36,8 x 85	yes	50032036,8085
	60	1,70	1,36	36,8 x 85	yes	60032036,8085
	70	1,70	1,36	36,8 x 85	yes	70032036,8085
	80	1,70	1,36	41,8 x 85	yes	80032041,8085
	90	1,70	1,36	41,8 x 85	yes	90032041,8085
	100	1,70	1,36	41,8 x 85	yes	10132041,8085
	125	1,70	1,36	51,8 x 85	yes	12132051,8085
	140	1,70	1,36	51,8 x 118	-	14132051,8118
	160	1,70	1,36	51,8 x 118	-	16132051,8118
	180	1,70	1,36	51,8 x 118	-	18132051,8118

Please state additionally to your order:

- cable length (normal: 300mm)
- with or without discharge resistor (22/47/100kW)
- with or without stud

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