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Item No.:
2246661054

Item:
MK04-1A66F-500W

Dimensions mm[inch]
tolerances acc. to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m

500 ±5
[19,69 ±0,197]

5 ±1
[0,20 ±0,039]

MEDER
MK04-1A66F-500W YM/P

Isometric
Scale 1:2
Maßstab 1:2

Housing

23 [0,91]

13,90 [0,55]

10,90 [0,43]

7,50 [0,30]

2,90 [0,11]

5,90 [0,23]

14 [0,55]

3,10 [0,12]

R2 [0,08]

Cable
flat cable LIYZ 2x0,14qmm
Flachkabel LIYZ 2x0,14qmm

Terminals/Connector
Ends tinned
Enden verzinnt

Schematic

Marking
according to EN60062/factory code
gem. EN60062/Fertigungsstätte

MEDER
MK04-1A66F-500W YM/P

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull in	at 20°C	62		85	AT
Test equipment		KMS-14+PK002+SA002			

Special Product Data	Conditions	Min	Typ	Max	Unit
Contact - form		A - NO			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
operating voltage	DC or Peak AC			180	V
operating ampere	DC or Peak AC			1,25	A
Switching current	DC or Peak AC			0,5	A
Sensor-resistance	measured with 40% overdrive Sensor deactivated			280	mOhm
Housing material		PBT glass fibre reinforced			
Case color		white			
Sealing compound		Polyurethan			

Environmental data	Conditions	Min	Typ	Max	Unit
Operating temperature	cable not moved	-30		70	°C
Operating temperature	cable moved	-5		70	°C
Storage temperature		-30		70	°C

Cable specification	Conditions	Min	Typ	Max	Unit
Cable typ		flat cable			
Cable material		PVC			
Cross section [mm²]		0,14			

General data	Conditions	Min	Typ	Max	Unit
Mounting advice		over 5m cable, a series resistor is recommended.			
mounting advice 1		Decreased switching distances by mounting on iron			
mounting advice 2		Magnetically conductive screws must not be used			
tightening torque	Screw M3 ISO 1207 Disk ISO 7089			0,5	Nm

Modifications in the sense of technical progress are reserved

Designed at:	27.05.08	Designed by:	WKOVACS	Approval at:	23.06.08	Approval by:	TFRITSCHI		
Last Change at:	14.11.12	Last Change by:	GPAPPALARDO	Approval at:	15.11.12	Approval by:	TFRITSCHI	**Version:**	03

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