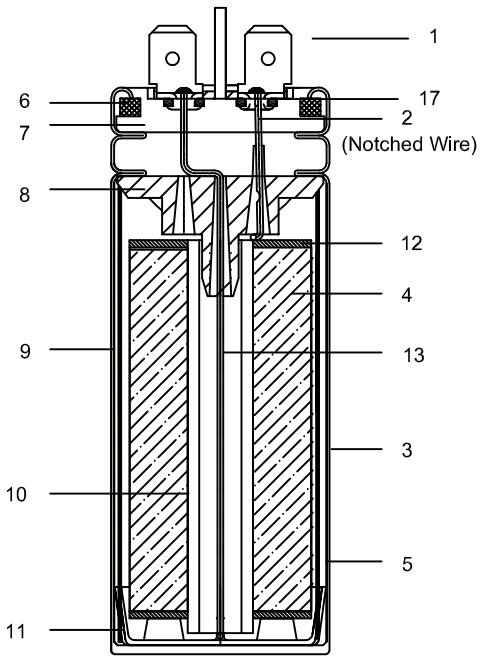
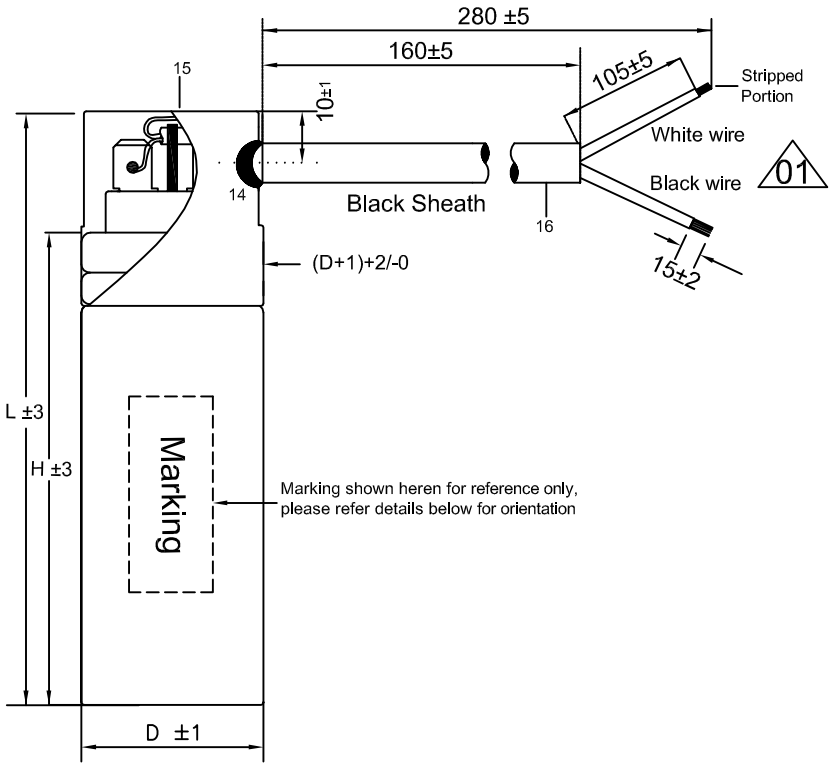




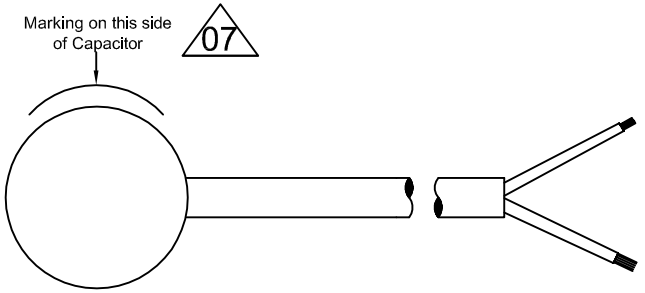


Table 2
List of components

Part Sr.No.	Part Description
1	Tin plated MS Double fast-on terminals 6.3x0.8 mm
2	Tin plated copper wire 18AWG
3	Aluminium Can
4	MPP Film Capacitor Element
5	Polyster Film for Insulation
6	Rubber Ring
7	Top Material UL 94 V0, IEC60335-1 compliance
8	Upper Insulation
9	Polyurethane Resin
10	Plastic Core
11	Bottom Insulation
12	Zinc Spray
13	Tin coated copper wire 19 SWG
14	Rubber Gromet
15	Aluminium Cap
16	Twin core cable 2/C 16 AWG (1.31MM²) 90°C (UL) UL File No WATER RESISTANT SOOW
17	Rubber Ring For Lug

RoHS compatible

Grundfos Drawing Ref. ID 78 58

General tolerance | Surface quality | Scale: NTS | All dimensions are in mm

Riv.	Modification	Date	Name
08	Marking orientation updated	10.08.21	SRD
07	Cable printing matter updated	25.09.20	SRD
06	Marking consolidated, & CQC removed from marking.	02.01.18	SRD
05	P2 to S2 changed, CE marking added	08.03.16	VGS
04	Tolerance changed from ±10 to ±5%	30.10.13	VGS
03	Marking orientation defined	11.09.12	VGS
02	Wire / cable specifications revised	27.08.12	VGS
01	Wire color and wire details changed	07.02.12	VGS

Date	23.03.10
Drawn	BSR
Checked	RBE
Standard	EN 60252

Material : Refer Table No.2 | Customer:

MPP CAPACITOR SAFE DEVICE

AL CAN CAPACITOR DFO WITH CAP , CABLE

Drawing no. GA1017-8 | Page 1 of 2

Table 1
Ratings and dimensions

Rating 'C' in µF ± 5 % / V_{RMS}	TDK Part No.	Diameter (ØD) in mm±1	Finished height (H) in mm ±3 mm	Total Height (L) in mm ±3 mm	Loss Factor limit (tanD) at 1KHz	Grundfoss Part no.
50 / 450	B32333B6506J060	53	132	149	< 0.0070	--------

Table 3: Rating

Parameter	Specification	
Rated Voltage	Refer 'table 1'.	
Rated Capacitance	Refer 'table 1'.	
Insulation Resistance	Between the terminals bound together and the casing	> 1000 M Ohm
Withstand voltage	Between terminals	2.15 x rated VAC for 2 sec.
	Between terminals bound together and casing	(2 x rated VAC)+(1000) VAC OR Min.2000 VAC for 2 sec.
Dielectric Loss	Refer 'Table 1'	
Liquid tightness	8 Hrs' heating in an ovan @ 95°C temerature. This should not result in leakage of the impregnant.	
Maximum Working Temperature	At the portion of the capacitor casing surface where the highest temperature occurs: Not more than 85°C	

06 Marking on capacitor

EPCOS

CµF XXXX WW.YYN
± 5 % 450VAC B PO. No.
No PCB's 400VAC A 50/60Hz
E106388 B32333-XXX S2 PROTECTED
10000AFC IEC 60252-1 MKP 'SH'
25/085/21 MADE BY EPCOS

Nomenclatures in the above marking:

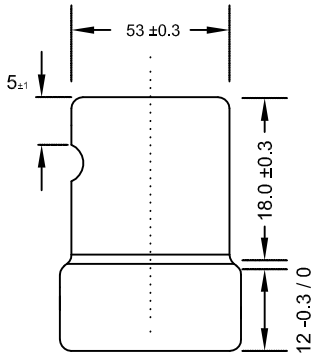
Cx - Rated Capacltance
V_{RMS} - Rated Voltage
T_X - Tolerance on capacitance
SH - Self Healing type MPP Capacltor
25/085/21 - Lower temperature limit is -25°C
- Upper temperature limit is 85°C
- Damp heat test - 21 days
ww.yyN - Batch number
XXXX - Grundfoss part number, blank if no part number is available
Part number - e.g. B32333-B...

B32333 XXX
- Last two digit of part number
- Revision status
- First Six digit of part number

PO. No. - Production Order number

RoHS compatible

Part 15 Aluminium Cap



Part 16 Two core cable 16 AWG 07

= Printing On Cable Sheath as per following Specification
As this Cable is cut from continuous Cable so full printing will not come on every Cable, some Cable may have half printing.

Ø9.4±0.2 — 2/C 16 AWG (1.31MM²) 90°C (UL) UL File No WATER RESISTANT SOOW CSA (-40°C) FT-2 P-7K-1

Notes :- 1) Marking is with white RoHS compatible Ink
2) Marking should Visible

01 02

Grundfos Drawing Ref. ID 78 58

Riv.	Modification	Date	Name
08	Marking orientation updated	10.08.21	SRD
07	Cable printing matter updated	25.09.20	SRD
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01	Wire color and wire details changed	07.02.12	VGS

General tolerance | Surface quality

Date	23.03.10
Drawn	BSR
Checked	RBE
Standard	EN 60252

TDK

Scale: NTS | All dimensions are in mm
Material : Refer Table No.2 | Customer:
MPP CAPACITOR SAFE DEVICE
AL CAN CAPACITOR DFO WITH CAP , CABLE
Drawing no. GA1017-8 | Page 2 of 2