



??

1) ?????????????????????????????????10?1 ?????????600 kVA ?????????????????????????10 m  
?????2????????????????????????????

?2

2)????????????????3%????????????????

K?????????

??Umax????????????Umin????????????Up?????????????

3)??

2.3 ????????????

1)???????????????

??2%?4%?????1 ????????

?1

????????????3 Uv	230	380	460
????????????UL=2?fLln	5	8.8	10

??

Uv-----????????????V?

?UL-----????????????V?

$I_n$ -----????????A?

f-----?????HZ?

??4%(8.8 V)????????????????????????75 kW ??????10 V ???

2)????????????IL???

????????????????????????IL ??????????In?

????????????????????????IL ??????????In × 0.82?

3)????????????L???

????????????????????????L ???????:

$L = ?UL / (2 * 3.14159 * f * I_n)$

3.?????

3.1?????????

??(10?50 ?)??

??

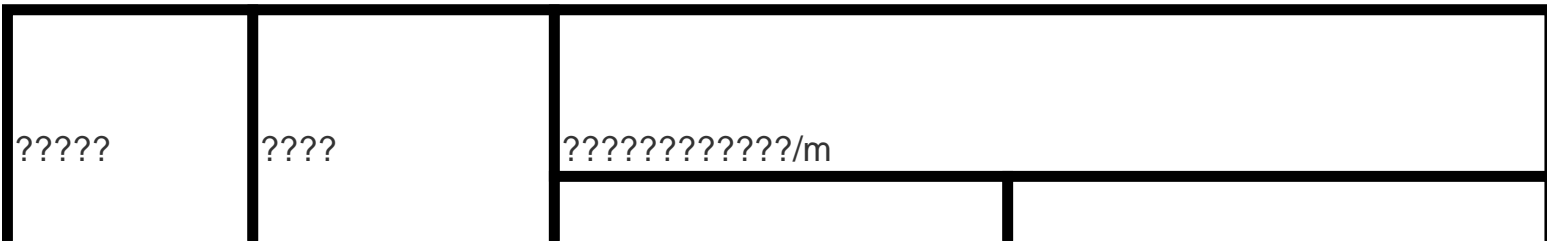
??du/dt

??

3.2 ??????????

???2 ??????????????????????

?2





??;
??
??
??
????????????????????
??F?H????????????????????????????
??

??????????????

?????????????? ? ???2.0% ?
??
???????????????????? 1???????????? 380V/50Hz?660V/50Hz 2????????????5A?1600A@40? 3????????????????
3500VAC/50Hz/10mA/10s?????? 4???????? 1000VDC????????100MV 5???????????? ??65dB 6????????
IP00 7???????? F??? 8???????????? IEC289:1987???? GB10229-88????(eqv IEC289:1987)
JB9644-1999????????????????

??????????

??
dv/dt,??
??

?????????? ???
??
????????F?H??

??????????????

?????????? ????? ? ???dv/dt???????????? ?
??
3?????????? ??-?? 3500VAC/50Hz/10mA/10s?????? 4???????? 1000VDC????????100MV 5????????????
??65dB 6???????? IP00 7???????? F??? 8???????????? IEC289:1987???? GB10229-88????(eqv
IEC289:1987) JB9644-1999????????????????



