



??IO????????????????????DIP????????????????  
PROFIBUS????????PROFINET??MAC????????????  
????????????????????????????????????flash????????????????PROFINET  
IO??

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

1. ?????????????????IO????????zuihao?“IO”????????????
2. ?????????????????????????

?PROFIBUS???PROFINET????????PROFINET??GSD??  
????????????????GSD????????????????????????PROFINET????????????PROFINET????PLC?  
????????????????????

PROFINET???GSD???GSDML????GSDML?General Station Description Markup  
Language????????????????1507????????????????—????????????????XML????????????

????????GSD????????????????????????????????

????????????CS??CS????dust????????  
????????????dust2??

?PROFINET??GSD????????????GSDML????GSDML?  
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T???GSD????PI???GSDML????????V2.31????????PROFINEV2.3????GSDML???  
????????????????????????????????????TCI?FDT?EDD???PROFINET??GSD????????????????????1~6  
????“-”???

1. GSDML?
2. GSDML Schema???ID?Vx.y?
3. ??????
4. ??????
5. GSD????????yyymmdd?
6. GSD????????????hhmmss?hh?00~24?

??“.xml”?