



KPA Names
ETG.1500, Version 1.0.0

Basic
Class B

Standard*
Class A

Basic Features		
Service Commands	✓	✓
Slaves with Device Emulation	✓**	✓**
EtherCAT State Machine	✓	✓
Error Handling	✓	✓
EtherCAT Frame Types	✓	✓
Process Data Exchange		
Cyclic PDO (Cyclic Commands)	✓	✓
Multiple Tasks = Leveling	✓	✓
Network Configuration		
Reading ENI	✓	✓
Compare Network configuration	✓	✓
Access to EEPROM	✓	✓
Access to Memory	✓	✓
Mailbox Support		
Support Mailbox	✓	✓
Mailbox polling	✓	✓
CoE		
SDO Up/Download	✓	✓
Segmented Transfer	✓	✓
Complete Access	✓	✓
SDO Info Service	✓	✓
Emergency Messages	✓	✓
EoE		
EoE Protocol	✓	✓
Virtual Switch	✓	✓
FoE		
FoE Protocol	✓	✓
Firmware Up/Download	✓	✓
Boot State	✓	✓
SoE		✓
AoE		✓
VoE		✓
Synchronization with Distributed Clock (DC)		
DC Support	✓	✓
Continuous Propagation Delay compensation		✓
Time Distribution	✓	✓
Synchronization of Master with Slaves		✓
Slave-to-Slave Communication		
Necessary for FSoE configuration via ENI or via API	✓	✓

*The Standard Class A applies also for KPA Master Class Premium.

**Not a Master feature: is supported by means of Init commands generated by Studio.

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