电文由29字节的电文头，最大8162字节的数据内容以及结束符号‘\0a’组成，它的应用数据电文格式：

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| 电文头部 | 数据内容 | 结束符 |
| 29 bytes | Max 8162bytes | 1 bytes=0x0a |

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|  | [具体电文头格式如下：](javascript:HMToggle('toggle','TOGGLE0186A1','$TOGGLE0186A1_ICON')) |

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | No | 字段名 | 描述 | 类型 | 举例 | 备注 | | 1 | 电文长度 | 整个电文长度，包括结束符 | C4 | 如“0100” |  | | 2 | 电文号 | 用户定义的电文标识，用于区分不同类型的电文，不能含有空格或串结束符。 | C6 |  |  | | 3 | 电文发送日期 | 电文发送的日期，8位的数字，依次为年、月、日。 | C8 | “20060101” |  | | 4 | 电文发送时间 | 电文发送的时间，6位的数字，依次为小时、分钟、秒钟，小时数为24小时制的。 | C6 | “121201” |  | | 5 | 发送端描述码 | 发送端主机的描述码，是个2字符的字符串，不能含有空格或结束符。 | C2 | 如：“M1” |  | | 6 | 接收端描述码 | 接收端主机的描述码，是个2字符的字符串，不能含有空格或结束符。 | C2 | 如：“S1” |  | | 7 | 传送功能码 | 表示电文的目的，大写字母‘D’表示发送数据。‘A’ 表示电文传送成功，‘B’表示电文传送过程出错。 | C1 |  |  | |

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|  | [每条应答电文都是由电文头部、控制域和结束符组成，总共110bytes。如下图：](javascript:HMToggle('toggle','TOGGLE0186A2','$TOGGLE0186A2_ICON')) |

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| |  |  |  | | --- | --- | --- | | 电文头（定长） | 控制域 | 结束符 | | 29 bytes | 80 bytes | 1 byte | |

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|  | [应答电文格式：](javascript:HMToggle('toggle','TOGGLE0186A3','$TOGGLE0186A3_ICON')) |

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | No | 字段名 | 描述 | 类型 | 举例 | 备注 | | 1 | 电文长度 | 整个电文长度，包括结束符 | C4 | “0110” |  | | 2 | 电文号 | 接收到应用电文的电文代号 | C6 |  |  | | 3 | 电文发送日期 | 电文发送的日期，8位的数字，依次为年、月、日。 | C8 | 如“20060101” |  | | 4 | 电文发送时间 | 电文发送的时间，6位的数字，依次为小时、分钟、秒钟，小时数为24小时制的。 | C6 | 如“121201” |  | | 5 | 发送端描述码 | 发送端主机的描述码，是个2字符的字符串，不能含有空格或结束符。 | C2 | 如：“M1” |  | | 6 | 接收端描述码 | 接收端主机的描述码，是个2字符的字符串，不能含有空格或结束符。 | C2 | 如：“S1” |  | | 7 | 传送功能码 | 表示电文的目的，‘A’ 表示电文传送成功，‘B’表示电文传送过程出错。 | C1 |  |  | | 8 | 控制域 | 当传送功能码为‘A’时表示电文发送成功，控制域填充空格；当传送功能码为‘B’时表示电文传送过程出错，应以西文字符串指明出错的原因与地点 | C80 |  |  | | 9 | 结束符 | 标记电文结束，在ASCII码表中是LF，十六进制值是0x0a，是不可显示字符 | C1 | 0x0a |  | |

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|  | [心跳电文格式：](javascript:HMToggle('toggle','TOGGLE0186A4','$TOGGLE0186A4_ICON')) |

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| |  |  | | --- | --- | | 电文头部 | 结束符 | | 29 bytes | 1 bytes | |

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|  | [心跳电文格式：](javascript:HMToggle('toggle','TOGGLE0186A5','$TOGGLE0186A5_ICON')) |

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | No | 字段名 | 描述 | 类型 | 举例 | 备注 | | 1 | 电文长度 | 整个电文长度，包括结束符 | C4 | “0030” |  | | 2 | 电文号 | 接收到应用电文的电文代号 | C6 | “999999” |  | | 3 | 电文发送日期 | 电文发送的日期，8位的数字，依次为年、月、日。 | C8 | 如“20060101” |  | | 4 | 电文发送时间 | 电文发送的时间，6位的数字，依次为小时、分钟、秒钟，小时数为24小时制的。 | C6 | 如 “121201” |  | | 5 | 发送端描述码 | 发送端主机的描述码，是个2字符的字符串，不能含有空格或结束符。 | C2 | 如：“M1” |  | | 6 | 接收端描述码 | 接收端主机的描述码，是个2字符的字符串，不能含有空格或结束符。 | C2 | 如：“S1” |  | | 7 | 传送功能码 | 表示电文的目的，固定为 “C” | C1 | “C” |  | | 8 | 结束符 | 标记电文结束，在ASCII码表中是LF，十六进制值是0x0a，是不可显示字符 | C1 | 0x0a |  | |