



1 产品概述 Product Summarize

JS系列集成电路[单片机]时间继电器作为延时元件，用于电力继电器保护系统中，为缩短主保护和后备的时间级差提供保证，是电磁式时间继电器最理想的更新换代产品。

JS系列时间继电器采用CMOS集成电路(ZNS系列时间继电器采用89C-X51系列单片机)作为计时元件，具有计时准确、整定方便、功耗低、抗干扰能力强的特点，在接线方式和安装结构形式上都与DS系列电磁式继电器相同。

JS series integrated circuit (single chip) timer relays are applying for power relay protection system as delaying elements to provide ensure for shortening main protection and reserve time rank difference. This series are the ideal upgraded products of electromagnetic timer relays.

JS series timer relays adopt CMOS integrated circuit (ZNS series timer relays adopt 89C-X51 series single chip) as timing element with the characteristics of accurate timing, convenient setting, low power consumption, and strong anti-interference ability. This series have same wiring mode and installation structure mode with DS series electromagnetic relays.

2 主要技术参数 Main Technological Parameter

型号 Type	JS-113A	JS-103A	JS-103SA
整定范围 Setting range	0.02 ~ 9.99S		
辅助电源 Auxiliary power	DC220V,DC110V,DC48V,DC24V		
触点类型 Contact type	单延时，即一副可调延时动合触点，一副瞬动转换触点 Single delaying, i.e. 1 pair of adjustable front contacts, 1 pair of instantaneous switching contacts	双延时，即两副独立可调延时动合触点 Double delaying, i.e. 2 pairs of independent adjustable delaying front contacts	双延时带瞬动，即两副独立可调延时动合触点，一副瞬动转换触点 Double delaying with instantaneous, i.e. 2 pairs of independent adjustable delaying front contact, 1 pair of instantaneous switching contacts
外壳结构 Shell structure	凸出式插拔结构 Protruded plug in structure		
替代电磁式型号 Substituted electromagnetic type	DS-111,111C,121;DS-112,112C,122; DS-113,113C,123		DS-114,115,116,124,125,126

3 安装开孔尺寸、接线图 Mounging plate opening size,Wiring drawing

