

項目	内容	
占有周波数	1周 32点割付け(16点使用)	
ユニット電源電圧	DC20.4~26.4V(リップル率5%以内)	
ユニット電源電流	40mA以下(DC24V, 全点ON時)	
ノイズ耐量	DCタイプのノイズ電圧500Vp-p, ノイズ幅1μs, ノイズ周波数25~60Hzのノイズシミュレータによる	
耐電圧	DC外部端子一括アース間AC500V 1分間	
絶縁抵抗	DC外部端子一括アース間DC500V 絶縁抵抗計にて10MΩ以上	
保護等級	IP1XB	
質量	0.19kg	
外部接続方式	通信部	通信用ワンタッチコネクタ(伝送回路) (5ピン・圧接タイプ, コネクタ用プラグは別売) (オプション) 通信用オンラインコネクタ: A6CON-LJ5P
	電源部	電源・FG用ワンタッチコネクタ (ユニット電源, 入力部外部供給電源, FG) (5ピン・圧接タイプ, コネクタ用プラグは別売) A6CON-PW5P, A6CON-PW5P-SOD (オプション) 電源用オンラインコネクタ: A6CON-PWJ5P
	入出力部	I/O用ワンタッチコネクタ (4ピン・圧接タイプ, コネクタ用プラグは別売)
適用DINレール	TH35-7.5Fe, TH35-7.5Al (JIS C 2812に準拠)	
適合電線サイズ	通信用コネクタ	適合ケーブル: FAINC-110SBH, FA-CBL200PSBH, CS-110
	電源・FG用コネクタ	0.66~0.98mm ² (AWG18) φ2.2~3.0mm (A6CON-PW5P) φ2.0~2.3mm (A6CON-PW5P-SOD) 素線径0.16mm以上 絶縁被覆材質: PVC (耐熱ビニル)
	入出力用コネクタ	φ1.0~1.4 (A6CON-P214), φ1.4~2.0 (A6CON-P220) [適合電線サイズ: 0.14~0.2mm ²] φ1.0~1.4 (A6CON-P514), φ1.4~2.0 (A6CON-P520) [適合電線サイズ: 0.3~0.5mm ²]

Item	Description	
Number of occupied stations	32-point assignment/station (16 points used)	
Module power supply	Voltage: 20.4 to 26.4VDC (ripple ratio: within 5%) Current: 40mA or lower (at 24VDC and all points ON)	
Noise immunity	Noise voltage 500Vp-p, noise width 1μs, noise frequency 25 to 60Hz (DC type noise simulator condition)	
Withstand voltage	500VAC for 1 minute between all DC external terminals and ground	
Insulation resistance	10MΩ or higher between all DC external terminals and ground (500VDC insulation resistance tester)	
Protection degree	IP1XB	
Weight	0.19kg	
External connection system	Communication part	One-touch connector for communication [Transmission circuit] 5-pin IDC plug is sold separately. <Optional> Online connector for communication: A6CON-LJ5P
	Power supply part	One-touch connector for power supply and FG [Module power supply, external power supply for input part, FG] 5-pin IDC plug is sold separately: A6CON-PW5P, A6CON-PW5P-SOD <Optional> Online connector for power supply: A6CON-PWJ5P
	I/O part	One-touch connector for I/O 4-pin IDC plug is sold separately.
Applicable DIN rail	TH35-7.5Fe, TH35-7.5Al (compliant with IEC 60715)	
Applicable wire size	Connector for communication	Applicable cable: FAINC-110SBH, FA-CBL200PSBH, CS-110
	Connector for power supply and FG	0.66 to 0.98mm ² (18 AWG) [φ2.2 to 3.0mm (A6CON-PW5P), φ2.0 to 2.3mm (A6CON-PW5P-SOD)] Wire diameter: 0.16mm or more Insulating coating material: PVC (heat-resistant)
	Connector for I/O	[Applicable wire size: 0.14 to 0.2mm ²] φ1.0 to 1.4 (A6CON-P514), φ1.4 to 2.0 (A6CON-P520) [Applicable wire size: 0.3 to 0.5mm ²]

