

16.1 Series C recommended spares

The following table provides replacement parts, or parts that you may want to keep on hand for backup.

16.1.1 IOM removal and installation under power

The IOM has been designed to permit removal and installation under power (RIUP) without damaging the module or interrupting IOTA communications. Notice should be taken on how this may impact the active process.



CAUTION

We recommend that you proceed with extreme caution whenever replacing any component in a control system. Be sure the system is offline or in a safe operating mode.

Component replacements may also require corresponding changes in the control strategy configuration through Control Builder, as well as downloading appropriate data to the replaced component.

Refer to “Replacing an I/O module” on page 550 for IOM replacement and cautionary information.

Table 154: Recommended spare parts

Part name	Part number	Description		
ANALOG INPUT				
Series C AI IOM	CC- PAIH01	Series C Analog Input Module		
	CC-PAIH02	Series C HART Differential Analog Input Module		
	CC-PAIX02	Series C non-HART Differential Analog Input Module		
	CC-PAIN01	Series C non-HART Analog Input Module		
	CC-PAIH51	Series C Analog Input Module		
IOTA				
Non-Redundant. IOTA	CC- TAIX01 51308363-175	Analog Input, non-redundant, coated		
	Cx-TAIX51 51306979-175	Analog Input, non-redundant, coated		
Redundant. IOTA	CC- TAIX11 51308365-175	Analog Input, redundant, coated		
<i>Terminal plug-in assembly</i>				
16-terminal block plug-in assembly	51506273-216	2 per IOTA		
4-terminal block plug-in assembly	51506269-204	1 per IOTA		
<i>Fuses</i>				
<i>Description</i>	<i>Part number</i>	<i>Quantity</i>	<i>Reference designator</i>	<i>Function</i>
Fuse 750 mA, 5x20, fast acting	51190582-175	1 per non-red. IOTA	F1	The fuse covers the IOM and the power feeds to the field wiring. A blown fuse interrupts power to these.

Part name		Part number		Description	
		2 per red. IOTA	F1 F2	F1 covers upper IOM F2 covers lower IOM If one fuse is blown power is interrupted to the IOM, but field wiring continues to receive power from other fuse.	
ANALOG OUPUT					
Series C AO IOM		CC- PAOH01		Series C HART Analog Output Module	
		CC-PAOX01		Series C non-HART Analog Output Module	
		CC-PAON01		Series C non-HART Analog Output Module	
		CC-PAOH51		Series C HART Analog Output Module	
IOTA					
AO Non-Redundant. IOTA		CC-TAOX01 51308351-175		Analog Output, non-redundant, coated	
		Cx-TAOX51 51306983-175		Analog Output, non-redundant, coated	
AO Redundant. IOTA		CC- TAOX11 51308353-175		Analog Output, redundant, coated	
		Cx-TAOX61 51306981-175		Analog Output, redundant, coated	
<i>Terminal plug-in assembly</i>					
16-pin terminal plug-in assembly		51506273-216		2 per non-redundant IOTA 2 per redundant IOTA	
<i>Fuses</i>					
<i>Description</i>	<i>Part number</i>	<i>Quantity</i>	<i>Reference designator</i>	<i>Function</i>	
Fuse 1A Fast acting 5x20mm	51190582-210	1 per non-red. IOTA	F2	Standby Manual connector fuse	
		1 per red. IOTA	F3		
Fuse 2A Fast acting 5x20mm	51190582-220	1 per non-red. IOTA	F1	Module fuse	
		2 per red. IOTA	F1, F2		
ANALOG INPUT LOW LEVEL					
Series C AI Low Level IOM		CC-PAIM01		Series C Low Level Module	
IOTA					
AI Low Level IOTA		CC--TAIM01 51305959-175		AI Low Level, non-redundant, coated	
<i>Connector block assembly</i>					
Connector Block Assembly, 6 Position		51195775-100		4 per IOTA	
<i>Fuse</i>					
<i>Description</i>	<i>Part number</i>	<i>Quantity</i>	<i>Reference designator</i>	<i>Function</i>	

Part name		Part number		Description	
FUSE, 0.25 Amp, Quick Blo, 5x20mm	51190582-125	4 per IOTA	F3	Power to FTA 1 only	
			F4	Power to FTA 2 only	
			F5	Power to FTA 3 only	
			F6	Power to FTA 4 only	
FUSE, 1 Amp, Quick Blo, 5x20mm	51190582-210	2 per IOTA	F1	Power to module electronics	
			F2	Switched power to all FTAs	
LOW LEVEL ANALOG INPUT					
Series C Low Level AI IOM		CC-PAIL51		Series C Low Level Module	
IOTA					
Low Level AI IOTA			CC--TAIL5 1 513071 92	Low Level AI, non-redundant, coated	
<i>Connector block assembly</i>					
Connector Block Assembly, 6 Position		51195775-100		4 per IOTA	
<i>Fuse</i>					
<i>Description</i>	<i>Part number</i>	<i>Quantity</i>	<i>Reference designator</i>	<i>Function</i>	
FUSE, 0.25 Amp, Quick Blo, 5x20mm	51190582-125	4 per IOTA	F3	Power to FTA 1 only	
			F4	Power to FTA 2 only	
			F5	Power to FTA 3 only	
			F6	Power to FTA 4 only	
FUSE, 1 Amp, Quick Blo, 5x20mm	51190582-210	2 per IOTA	F1	Power to module electronics	
			F2	Switched power to all FTAs	
DIGITAL INPUT 24V					
Series C DI-24 IOM		CC- PDIL01		Series C 24V Digital Input Module	
		CC-PDIL51		Series C 24V Digital Input Module	
IOTA					
DI-24V Non-Redundant. IOTA		CC- TDIL0 51308371-175		24V Digital Input, non-redundant, coated	
		Cx-TDIL51 51306969-175		24V Digital Input, non-redundant, coated	
DI-24V Redundant. IOTA		CC- TDIL11 51308373-175		24V Digital Input, redundant, coated	
		Cx-TDIL61 51306967-175		24V Digital Input, redundant, coated	
<i>Terminal plug-in assembly</i>					
16-terminal plug-in assembly		51506273-216		2 per non-redundant IOTA 2 per redundant IOTA	

Part name	Part number	Description		
4-terminal plug-in assembly	51506269-204	1 per non-redundant IOTA 1 per redundant IOTA		
<i>Fuses</i>				
<i>Description</i>	<i>Part number</i>	<i>Quantity</i>	<i>Reference designator</i>	<i>Function</i>
Fuse 0.5A Fast acting 5x20mm	51190582-150	3 per non-red. IOTA	F1	Fuse for field power if system power is connected through TB3, in series with F3
			F2	Top IOM kernel
			F3	Fuse for field power if external power is connected through TB3
		4 per red. IOTA	F1	Fuse for field power if system power is connected through TB3, in series with F4
			F2	Top IOM kernel
			F3	Bottom IOM kernel
	F4		Fuse for field power if external power is connected through TB3	
	DIGITAL OUTPUT 24V			
Series C DO IOM	CC--PDOB01	Series C Digital Output Module		
	CC-PDOD51	Series C Digital Output Module		
IOTA				
24V DO Non-Redundant IOTA	CC--TDOB01 51308371-175	24V Digital Output, bussed, non-redundant		
	Cx-TDOD51 51306975-175	24V Digital Output, bussed, non-redundant		
24V DO Redundant IOTA	CC--TDOB11 51308373-175	24V Digital Output, bussed, redundant, coated		
	Cx-TDOD61 51306973-175	24V Digital Output, bussed, redundant, coated		
<i>Terminal plug-in assemblies</i>				
16-terminal plug-in assembly	51506273-216	2 per non-redundant IOTA 2 per redundant IOTA		
4-terminal plug-in assembly	51506269-204	1 per non-redundant IOTA 1 per redundant IOTA		
<i>Fuses</i>				
<i>Description</i>	<i>Part number</i>	<i>Quantity</i>	<i>Reference designator</i>	<i>Function</i>
Fuse 10A Fast acting 5x20mm	51190582-310	1 per non-red. IOTA	F1	Fuse for field power if system power is connected through TB3
		1 per red. IOTA	F1	
Fuse 5A Fast Acting 5x20mm	51190582-250	1 per non-red. IOTA	F2	Fuse for field power if system power is connected via TB3