

ECAT End

E1300109-v2.xlsx

End Remote

Ifo	Chassis	Rail	#	Terminal	Channel	#	Name	PLC	Task	IO	Size	Struct	Parameter	Bit	Pos	Len
H1	End Remote	L	2	EL3202	RTD Inputs Channel	1	Value	PLC1	Standard	Inputs	WORD		PemEndTempCerRack1DegcIn			
H1	End Remote	L	2	EL3202	RTD Inputs Channel	2	Value	PLC1	Standard	Inputs	WORD		PemEndTempSupRack1DegcIn			
H1	End Remote	R	1	EL6692	IO Inputs	—	PLC1toEndY	PLC2	Standard	Inputs	STRUCT		RecieveFromCornerPLC1	—		
H1	End Remote	R	1	EL6692	IO Inputs	—	PLC2toEndY	PLC2	Standard	Inputs	STRUCT		RecieveFromCornerPLC2	—		
H1	End Remote	R	1	EL6692	IO Outputs	—	EndYtoPLC2	PLC2	Standard	Inputs	STRUCT		SendToCornerPLC2	—		

Ifo	Chassis	Rail	#	Terminal	Channel	#	Name	PLC	Task	IO	Size	Struct	Parameter	Bit	Pos	Len
H1	ISC Common	L	1	EL3102	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndRefiServoln	SumMon			
H1	ISC Common	L	1	EL3102	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndRefiServoln	SplitMon			
H1	ISC Common	L	2	EL3102	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndRefiServoln	FastMon			
H1	ISC Common	L	2	EL3102	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndRefiServoln	SlowfbMon			
H1	ISC Common	L	3	EL3102	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndRefiServoln	SlowMon			
H1	ISC Common	L	4	EI4132	Channel	1	Output	PLC2	Standard	Outputs	WORD	AlsEndRefiServoOut	ComOfs			
H1	ISC Common	L	4	EI4132	Channel	2	Output	PLC2	Standard	Outputs	WORD	AlsEndRefiServoOut	SlowOfs			
H1	ISC Common	L	5	EI4132	Channel	1	Output	PLC2	Standard	Outputs	WORD	AlsEndRefiServoOut	SlowoutOfs			
H1	ISC Common	L	7	EL1124	Channel	1	Input	PLC2	Standard	Inputs	BOOL	AlsEndRefiServoln	FastLimit			
H1	ISC Common	L	7	EL1124	Channel	2	Input	PLC2	Standard	Inputs	BOOL	AlsEndRefiServoln	Ok			
H1	ISC Common	L	8	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	FastGain	0	0	1
H1	ISC Common	L	8	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	FastGain	1	0	1
H1	ISC Common	L	8	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	FastGain	2	0	1
H1	ISC Common	L	8	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	FastGain	3	0	1
H1	ISC Common	L	9	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	FastGain	4	0	1
H1	ISC Common	L	9	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	FastGain	5	0	1
H1	ISC Common	L	9	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	FastExcEn			
H1	ISC Common	L	9	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	FastOpt			
H1	ISC Common	L	10	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	LatchEn			
H1	ISC Common	L	10	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	SlowExcEn			
H1	ISC Common	L	10	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In1Pol			
H1	ISC Common	L	10	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In2Pol			
H1	ISC Common	L	11	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In1Gain	0	0	1
H1	ISC Common	L	11	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In1Gain	1	0	1
H1	ISC Common	L	11	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In1Gain	2	0	1
H1	ISC Common	L	11	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In1Gain	3	0	1
H1	ISC Common	L	12	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In1Gain	4	0	1
H1	ISC Common	L	12	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In1Gain	5	0	1
H1	ISC Common	L	12	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In2Gain	0	0	1
H1	ISC Common	L	12	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In2Gain	1	0	1
H1	ISC Common	L	13	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In2Gain	2	0	1
H1	ISC Common	L	13	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In2Gain	3	0	1
H1	ISC Common	L	13	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In2Gain	4	0	1
H1	ISC Common	L	13	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In2Gain	5	0	1
H1	ISC Common	L	15	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In1En			
H1	ISC Common	L	15	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	In2En			
H1	ISC Common	L	15	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	OutSw			
H1	ISC Common	L	15	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	ComBoost	0	0	1
H1	ISC Common	L	16	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	ComBoost	1	0	1
H1	ISC Common	L	16	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	ComComp			
H1	ISC Common	L	16	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	ComExcEn			
H1	ISC Common	L	16	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	ComOpt			
H1	ISC Common	L	17	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	SlowPol			
H1	ISC Common	L	17	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	ComFilter			
H1	ISC Common	L	17	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	FastEn			
H1	ISC Common	L	17	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	FastPol			
H1	ISC Common	L	18	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	SlowOpt			
H1	ISC Common	L	18	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefiServoOut	SlowBypass			

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ISC Common

Ifo	Chassis	Rail	#	Terminal	Channel	#	Name	PLC	Task	IO	Size	Struct	Parameter	Bit	Pos	Len
H1	ISC Common	L	18	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefI servoOut	SlowOfs5V			
H1	ISC Common	L	18	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefI servoOut	SlowOfsEn			
H1	ISC Common	L	19	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefI servoOut	SlowComp			
H1	ISC Common	L	19	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefI servoOut	SlowBoost			
H1	ISC Common	L	19	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefI servoOut	SlowFilter			
H1	ISC Common	L	19	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefI servoOut	FastLimiter			
H1	ISC Common	M	1	EL3102	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndFibrServoIn	SumMon			
H1	ISC Common	M	1	EL3102	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndFibrServoIn	SplitMon			
H1	ISC Common	M	2	EL3102	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndFibrServoIn	FastMon			
H1	ISC Common	M	2	EL3102	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndFibrServoIn	SlowfbMon			
H1	ISC Common	M	3	EL3102	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndFibrServoIn	SlowMon			
H1	ISC Common	M	4	EL4132	Channel	1	Output	PLC2	Standard	Outputs	WORD	AlsEndFibrServoOut	ComOfs			
H1	ISC Common	M	4	EL4132	Channel	2	Output	PLC2	Standard	Outputs	WORD	AlsEndFibrServoOut	SlowOfs			
H1	ISC Common	M	5	EL4132	Channel	1	Output	PLC2	Standard	Outputs	WORD	AlsEndFibrServoOut	SlowoutOfs			
H1	ISC Common	M	7	EL1124	Channel	1	Input	PLC2	Standard	Inputs	BOOL	AlsEndFibrServoIn	FastLimit			
H1	ISC Common	M	7	EL1124	Channel	2	Input	PLC2	Standard	Inputs	BOOL	AlsEndFibrServoIn	Ok			
H1	ISC Common	M	8	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	FastGain	0	0	1
H1	ISC Common	M	8	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	FastGain	1	0	1
H1	ISC Common	M	8	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	FastGain	2	0	1
H1	ISC Common	M	8	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	FastGain	3	0	1
H1	ISC Common	M	9	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	FastGain	4	0	1
H1	ISC Common	M	9	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	FastGain	5	0	1
H1	ISC Common	M	9	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	FastExcEn			
H1	ISC Common	M	9	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	FastOpt			
H1	ISC Common	M	10	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	LatchEn			
H1	ISC Common	M	10	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	SlowExcEn			
H1	ISC Common	M	10	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In1Pol			
H1	ISC Common	M	10	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In2Pol			
H1	ISC Common	M	11	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In1Gain	0	0	1
H1	ISC Common	M	11	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In1Gain	1	0	1
H1	ISC Common	M	11	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In1Gain	2	0	1
H1	ISC Common	M	11	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In1Gain	3	0	1
H1	ISC Common	M	12	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In1Gain	4	0	1
H1	ISC Common	M	12	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In1Gain	5	0	1
H1	ISC Common	M	12	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In2Gain	0	0	1
H1	ISC Common	M	12	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In2Gain	1	0	1
H1	ISC Common	M	13	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In2Gain	2	0	1
H1	ISC Common	M	13	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In2Gain	3	0	1
H1	ISC Common	M	13	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In2Gain	4	0	1
H1	ISC Common	M	13	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In2Gain	5	0	1
H1	ISC Common	M	15	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In1En			
H1	ISC Common	M	15	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	In2En			
H1	ISC Common	M	15	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	OutSw			
H1	ISC Common	M	15	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	ComBoost	0	0	1
H1	ISC Common	M	16	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	ComBoost	1	0	1
H1	ISC Common	M	16	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	ComComp			
H1	ISC Common	M	16	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	ComExcEn			

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ISC Common

Ifo	Chassis	Rail	#	Terminal	Channel	#	Name	PLC	Task	IO	Size	Struct	Parameter	Bit	Pos	Len
H1	ISC Common	M	16	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	ComOpt			
H1	ISC Common	M	17	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	SlowPol			
H1	ISC Common	M	17	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	ComFilter			
H1	ISC Common	M	17	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	FastEn			
H1	ISC Common	M	17	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	FastPol			
H1	ISC Common	M	18	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	SlowOpt			
H1	ISC Common	M	18	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	SlowBypass			
H1	ISC Common	M	18	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	SlowOfs5V			
H1	ISC Common	M	18	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	SlowOfsEn			
H1	ISC Common	M	19	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	SlowComp			
H1	ISC Common	M	19	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	SlowBoost			
H1	ISC Common	M	19	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	SlowFilter			
H1	ISC Common	M	19	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrServoOut	FastLimiter			
H1	ISC Common	R	1	EL3102	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndVcoln	ReferenceMon			
H1	ISC Common	R	1	EL3102	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndVcoln	DividerMon			
H1	ISC Common	R	2	EL3102	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndVcoln	OutputMon			
H1	ISC Common	R	2	EL3102	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndVcoln	ReferenceTemp			
H1	ISC Common	R	3	EL3102	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndVcoln	DividerTemp			
H1	ISC Common	R	3	EL3102	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndVcoln	OutputTemp			
H1	ISC Common	R	4	EL3102	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndVcoln	TuneMon			
H1	ISC Common	R	5	EL4132	Channel	1	Output	PLC2	Standard	Outputs	WORD	AlsEndVcoOut	TuneOfs			
H1	ISC Common	R	7	EL1124	Channel	1	Input	PLC2	Standard	Inputs	BOOL	AlsEndVcoln	ExcitationSwitch			
H1	ISC Common	R	7	EL1124	Channel	2	Input	PLC2	Standard	Inputs	BOOL	AlsEndVcoln	PowerOk			
H1	ISC Common	R	8	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndVcoOut	ExcitationEn			
H1	ISC Common	R	10	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefl_APhaseOut	DelayStep	0	0	1
H1	ISC Common	R	10	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefl_APhaseOut	DelayStep	1	0	1
H1	ISC Common	R	10	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefl_APhaseOut	DelayStep	2	0	1
H1	ISC Common	R	10	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefl_APhaseOut	DelayStep	3	0	1
H1	ISC Common	R	11	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefl_APhaseOut	DelayStep	4	0	1
H1	ISC Common	R	11	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefl_APhaseOut	DelayStep	5	0	1
H1	ISC Common	R	11	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefl_APhaseOut	DelayStep	6	0	1
H1	ISC Common	R	11	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefl_APhaseOut	DelayStep	7	0	1
H1	ISC Common	R	12	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefl_APhaseOut	DelayStep	8	0	1
H1	ISC Common	R	12	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefl_APhaseOut	LatchEn			
H1	ISC Common	R	12	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndSpare_APhaseOut	DelayStep	0	0	1
H1	ISC Common	R	12	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndSpare_APhaseOut	DelayStep	1	0	1
H1	ISC Common	R	13	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndSpare_APhaseOut	DelayStep	2	0	1
H1	ISC Common	R	13	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndSpare_APhaseOut	DelayStep	3	0	1
H1	ISC Common	R	13	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndSpare_APhaseOut	DelayStep	4	0	1
H1	ISC Common	R	13	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndSpare_APhaseOut	DelayStep	5	0	1
H1	ISC Common	R	14	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndSpare_APhaseOut	DelayStep	6	0	1
H1	ISC Common	R	14	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndSpare_APhaseOut	DelayStep	7	0	1
H1	ISC Common	R	14	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndSpare_APhaseOut	DelayStep	8	0	1
H1	ISC Common	R	14	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndSpare_APhaseOut	LatchEn			

Ifo	Chassis	Rail	#	Terminal	Channel	#	Name	PLC	Task	IO	Size	Struct	Parameter	Bit	Pos	Len
H1	End 2	L	1	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserHeadIn	LaserDiode1PowerMonitor			
H1	End 2	L	1	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserHeadIn	LaserDiode2PowerMonitor			
H1	End 2	L	1	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserHeadIn	LaserCrystalTECErrorSignal			
H1	End 2	L	1	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserHeadIn	DoublingCrystalTECErrorSignal			
H1	End 2	L	2	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserHeadIn	LaserDiode1TECErrorSignal			
H1	End 2	L	2	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserHeadIn	LaserDiode2TECErrorSignal			
H1	End 2	L	2	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserHeadIn	NoiseEaterMonitor			
H1	End 2	L	2	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD					
H1	End 2	L	3	EL1124	Channel	1	Input	PLC2	Standard	Inputs	BOOL	AlsEndLaserHeadIn	LaserDiode1TempGuard			
H1	End 2	L	3	EL1124	Channel	2	Input	PLC2	Standard	Inputs	BOOL	AlsEndLaserHeadIn	LaserDiode2TempGuard			
H1	End 2	L	3	EL1124	Channel	3	Input	PLC2	Standard	Inputs	BOOL	AlsEndLaserHeadIn	Interlock			
H1	End 2	L	3	EL1124	Channel	4	Input	PLC2	Standard	Inputs	BOOL					
H1	End 2	L	5	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndFiber_ADemodIn	RFMon			
H1	End 2	L	5	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndFiber_ADemodIn	LOMon			
H1	End 2	L	5	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_ADemodIn	RFMon			
H1	End 2	L	5	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_ADemodIn	LOMon			
H1	End 2	L	6	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndRefI_ADemodIn	RFMon			
H1	End 2	L	6	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndRefI_ADemodIn	LOMon			
H1	End 2	L	6	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_BDemodIn	RFMon			
H1	End 2	L	6	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_BDemodIn	LOMon			
H1	End 2	L	7	EL1124	Channel	1	Input	PLC2	Standard	Inputs	BOOL	AlsEndFiber_ADemodIn	PowerOk			
H1	End 2	L	7	EL1124	Channel	2	Input	PLC2	Standard	Inputs	BOOL	AlsEndFiber_ADemodIn	Sign			
H1	End 2	L	7	EL1124	Channel	3	Input	PLC2	Standard	Inputs	BOOL	AlsEndSpare_ADemodIn	Sign			
H1	End 2	L	7	EL1124	Channel	4	Input	PLC2	Standard	Inputs	BOOL	AlsEndRefI_ADemodIn	PowerOk			
H1	End 2	L	9	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	IscRfEndAmp71mIn	OutputMon			
H1	End 2	L	9	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	IscRfEndAmp21m4In	OutputMon			
H1	End 2	L	9	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	IscRfEndAlsDiv39m9In	OutputMon			
H1	End 2	L	9	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	IscRfEndSpareIn	OutputMon			
H1	End 2	L	10	EL1124	Channel	1	Input	PLC2	Standard	Inputs	BOOL	IscRfEndAmp71mIn	PowerOk			
H1	End 2	L	10	EL1124	Channel	2	Input	PLC2	Standard	Inputs	BOOL	IscRfEndAmp21m4In	PowerOk			
H1	End 2	L	10	EL1124	Channel	3	Input	PLC2	Standard	Inputs	BOOL	IscRfEndAlsDiv39m9In	PowerOk			
H1	End 2	L	10	EL1124	Channel	4	Input	PLC2	Standard	Inputs	BOOL	IscRfEndSpareIn	PowerOk			
H1	End 2	L	12	EL3104	AI Standard Channel	1	Value	PLC3	Standard	Inputs	WORD	TcsRHEIn	UpperVoltage			
H1	End 2	L	12	EL3104	AI Standard Channel	2	Value	PLC3	Standard	Inputs	WORD	TcsRHEIn	UpperRtd			
H1	End 2	L	12	EL3104	AI Standard Channel	3	Value	PLC3	Standard	Inputs	WORD	TcsRHEIn	UpperPcb			
H1	End 2	L	12	EL3104	AI Standard Channel	4	Value	PLC3	Standard	Inputs	WORD	TcsRHEIn	UpperCurrent			
H1	End 2	L	13	EL3104	AI Standard Channel	1	Value	PLC3	Standard	Inputs	WORD	TcsRHEIn	LowerVoltage			
H1	End 2	L	13	EL3104	AI Standard Channel	2	Value	PLC3	Standard	Inputs	WORD	TcsRHEIn	LowerRtd			
H1	End 2	L	13	EL3104	AI Standard Channel	3	Value	PLC3	Standard	Inputs	WORD	TcsRHEIn	LowerPcb			
H1	End 2	L	13	EL3104	AI Standard Channel	4	Value	PLC3	Standard	Inputs	WORD	TcsRHEIn	LowerCurrent			
H1	End 2	L	14	EL4134	AI Standard Channel	1	Value	PLC3	Standard	Outputs	WORD	TcsRHEOut	SetUpperDriveCurrent			
H1	End 2	L	14	EL4134	AI Standard Channel	2	Value	PLC3	Standard	Outputs	WORD	TcsRHEOut	SetUpperDriveAwg			
H1	End 2	L	14	EL4134	AI Standard Channel	3	Value	PLC3	Standard	Outputs	WORD	TcsRHEOut	SetLowerDriveCurrent			
H1	End 2	L	14	EL4134	AI Standard Channel	4	Value	PLC3	Standard	Outputs	WORD	TcsRHEOut	SetLowerDriveAwg			
H1	End 2	L	15	EL1124	Channel	1	Input	PLC3	Standard	Inputs	BOOL	TcsHWSEOut	DalsaCameraSwitch			
H1	End 2	L	15	EL1124	Channel	2	Input	PLC3	Standard	Inputs	BOOL	TcsHWSEOut	RcxClinkSwitch			
H1	End 2	L	15	EL1124	Channel	3	Input	PLC3	Standard	Inputs	BOOL					
H1	End 2	L	15	EL1124	Channel	4	Input	PLC3	Standard	Inputs	BOOL					
H1	End 2	M	1	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt2In	HV10MonitorPZTX			
H1	End 2	M	1	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt2In	PositionSensorPZTX			

Ifo	Chassis	Rail	#	Terminal	Channel	#	Name	PLC	Task	IO	Size	Struct	Parameter	Bit	Pos	Len
H1	End 2	M	1	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt2In	HV10MonitorPZTY			
H1	End 2	M	1	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt2In	PositionSensorPZTY			
H1	End 2	M	2	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt1In	HV10MonitorPZTX			
H1	End 2	M	2	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt1In	PositionSensorPZTX			
H1	End 2	M	2	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt1In	HV10MonitorPZTY			
H1	End 2	M	2	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt1In	PositionSensorPZTY			
H1	End 2	M	3	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndRefI_BDcIn	DCPower			
H1	End 2	M	3	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	LscEndTr_ADcIn	DCPower			
H1	End 2	M	3	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserGRDcIn	DCPower			
H1	End 2	M	3	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndFiber_ADcIn	DCPower			
H1	End 2	M	4	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_CDcIn	DCPower			
H1	End 2	M	4	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_DDcIn	DCPower			
H1	End 2	M	4	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_EDcIn	DCPower			
H1	End 2	M	4	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_FDcIn	DCPower			
H1	End 2	M	5	EL4132	AI Standard Channel	1	Value	PLC2	Standard	Outputs	WORD	AlsEndLaserOut	CrystalTemperature			
H1	End 2	M	5	EL4132	AI Standard Channel	2	Value	PLC2	Standard	Outputs	WORD	AlsEndLaserOut	DoublerTemperature			
H1	End 2	M	7	EL1124	Channel	1	Input	PLC2	Standard	Inputs	BOOL	IscEndExtraIn	BI1			
H1	End 2	M	7	EL1124	Channel	2	Input	PLC2	Standard	Inputs	BOOL	IscEndExtraIn	BI2			
H1	End 2	M	7	EL1124	Channel	3	Input	PLC2	Standard	Inputs	BOOL	IscEndExtraIn	BI3			
H1	End 2	M	7	EL1124	Channel	4	Input	PLC2	Standard	Inputs	BOOL	IscEndExtraIn	BI4			
H1	End 2	M	8	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	IscEndExtraOut	BO1			
H1	End 2	M	8	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	IscEndExtraOut	BO2			
H1	End 2	M	8	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	IscEndExtraOut	BO3			
H1	End 2	M	8	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	IscEndExtraOut	BO4			
H1	End 2	M	9	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	IscEndExtraIn	AI1			
H1	End 2	M	9	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	IscEndExtraIn	AI2			
H1	End 2	M	9	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	IscEndExtraIn	AI3			
H1	End 2	M	9	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	ReceiveFromRt	I[1]			
H1	End 2	M	10	EL4134	AI Standard Channel	1	Value	PLC2	Standard	Outputs	WORD	IscEndExtraOut	AO1			
H1	End 2	M	10	EL4134	AI Standard Channel	2	Value	PLC2	Standard	Outputs	WORD	IscEndExtraOut	AO2			
H1	End 2	M	10	EL4134	AI Standard Channel	3	Value	PLC2	Standard	Outputs	WORD	IscEndExtraOut	AO3			
H1	End 2	M	10	EL4134	AI Standard Channel	4	Value	PLC2	Standard	Outputs	WORD	SendToRt	O[1]			
H1	End 2	M	12	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndLaserIRDcIn	Gain	0	0	1
H1	End 2	M	12	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndLaserIRDcIn	Gain	1	0	1
H1	End 2	M	12	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrRejectedDcIn	Gain	0	0	1
H1	End 2	M	12	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrRejectedDcIn	Gain	1	0	1
H1	End 2	M	13	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrTransDcIn	Gain	0	0	1
H1	End 2	M	13	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrTransDcIn	Gain	1	0	1
H1	End 2	M	13	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndSpare_BDcIn	Gain	0	0	1
H1	End 2	M	13	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndSpare_BDcIn	Gain	1	0	1
H1	End 2	M	14	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserIRDcIn	DCPower			
H1	End 2	M	14	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndFibrRejectedDcIn	DCPower			
H1	End 2	M	14	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndFibrTransDcIn	DCPower			
H1	End 2	M	14	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_BDcIn	DCPower			
H1	End 2	M	15	EL1124	Channel	1	Input	PLC2	Standard	Inputs	BOOL	AlsEndRefI_ADcIn	Status			
H1	End 2	M	15	EL1124	Channel	2	Input	PLC2	Standard	Inputs	BOOL					
H1	End 2	M	15	EL1124	Channel	3	Input	PLC2	Standard	Inputs	BOOL					
H1	End 2	M	15	EL1124	Channel	4	Input	PLC2	Standard	Inputs	BOOL					
H1	End 2	M	16	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefI_ADcOut	Gain	0	0	1
H1	End 2	M	16	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefI_ADcOut	Gain	1	0	1

Ifo	Chassis	Rail	#	Terminal	Channel	#	Name	PLC	Task	IO	Size	Struct	Parameter	Bit	Pos	Len
H1	End 2	M	16	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefI_ADcOut	Gain	2	0	1
H1	End 2	M	16	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL					
H1	End 2	M	17	EL3102	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndRefI_ADcIn	DCPower			
H1	End 2	M	17	EL3102	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD					
H1	End 2	R	1	EL7332	DCM Status Channel	1	DCMReady	PLC1	Standard	Inputs	WORD	SysEndBDiv_AIn	DCMReady			
H1	End 2	R	1	EL7332	DCM Status Channel	1	DCMWarning	PLC1	Standard	Inputs	WORD	SysEndBDiv_AIn	DCMWarning			
H1	End 2	R	1	EL7332	DCM Status Channel	1	DCMError	PLC1	Standard	Inputs	WORD	SysEndBDiv_AIn	DCMError			
H1	End 2	R	1	EL7332	DCM Control Channel	1	DCMEnable	PLC1	Standard	Outputs	WORD	SysEndBDiv_AOut	DCMEnable			
H1	End 2	R	1	EL7332	DCM Velocity Channel	1	Velocity	PLC1	Standard	Inputs	WORD	SysEndBDiv_AOut	DCMVelocity			
H1	End 2	R	1	EL7332	DCM Status Channel	2	DCMReady	PLC1	Standard	Inputs	WORD					
H1	End 2	R	1	EL7332	DCM Status Channel	2	DCMWarning	PLC1	Standard	Inputs	WORD					
H1	End 2	R	1	EL7332	DCM Status Channel	2	DCMError	PLC1	Standard	Inputs	WORD					
H1	End 2	R	1	EL7332	DCM Control Channel	2	DCMEnable	PLC1	Standard	Outputs	WORD					
H1	End 2	R	1	EL7332	DCM Velocity Channel	2	Velocity	PLC1	Standard	Inputs	WORD					
H1	End 2	R	2	EL1094	Channel	1	Input	PLC1	Standard	Inputs	BOOL	SysEndBDiv_AIn	ClosedPositionSwitch			
H1	End 2	R	2	EL1094	Channel	2	Input	PLC1	Standard	Inputs	BOOL	SysEndBDiv_AIn	OpenPositionSwitch			
H1	End 2	R	2	EL1094	Channel	3	Input	PLC1	Standard	Inputs	BOOL					
H1	End 2	R	2	EL1094	Channel	4	Input	PLC1	Standard	Inputs	BOOL					
H1	End 2	R	3	EL1094	Channel	1	Input	PLC1	Standard	Inputs	BOOL	SysEndShutter_AIn	State			
H1	End 2	R	3	EL1094	Channel	2	Input	PLC1	Standard	Inputs	BOOL	SysEndShutter_BIn	State			
H1	End 2	R	3	EL1094	Channel	3	Input	PLC1	Standard	Inputs	BOOL					
H1	End 2	R	3	EL1094	Channel	4	Input	PLC1	Standard	Inputs	BOOL					
H1	End 2	R	4	EL2008	Channel	1	Output	PLC1	Standard	Outputs	BOOL	SysEndShutter_AOut	Close			
H1	End 2	R	4	EL2008	Channel	2	Output	PLC1	Standard	Outputs	BOOL	SysEndShutter_BOut	Close			
H1	End 2	R	4	EL2008	Channel	3	Output	PLC1	Standard	Outputs	BOOL	SysEndShutter_BOut	Open			
H1	End 2	R	4	EL2008	Channel	4	Output	PLC1	Standard	Outputs	BOOL	SysEndShutter_COut	Open			
H1	End 2	R	4	EL2008	Channel	5	Output	PLC1	Standard	Outputs	BOOL					
H1	End 2	R	4	EL2008	Channel	6	Output	PLC1	Standard	Outputs	BOOL					
H1	End 2	R	4	EL2008	Channel	7	Output	PLC1	Standard	Outputs	BOOL					
H1	End 2	R	4	EL2008	Channel	8	Output	PLC1	Standard	Outputs	BOOL					
H1	End 2	R	5	EL3102	AI Standard Channel	1	Value	PLC1	Standard	Inputs	WORD	SysEndPico_AIn	TEMP_X			
H1	End 2	R	5	EL3102	AI Standard Channel	2	Value	PLC1	Standard	Inputs	WORD	SysEndPico_AIn	TEMP_Y			
H1	End 2	R	6	EL1014	Channel	1	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	FAULT_X			
H1	End 2	R	6	EL1014	Channel	2	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	FAULT_Y			
H1	End 2	R	6	EL1014	Channel	3	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	ON			
H1	End 2	R	6	EL1014	Channel	4	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	POWER			
H1	End 2	R	7	EL3102	AI Standard Channel	1	Value	PLC1	Standard	Inputs	WORD	SysEndPico_BIn	TEMP_X			
H1	End 2	R	7	EL3102	AI Standard Channel	2	Value	PLC1	Standard	Inputs	WORD	SysEndPico_BIn	TEMP_Y			
H1	End 2	R	8	EL1014	Channel	1	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	FAULT_X			
H1	End 2	R	8	EL1014	Channel	2	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	FAULT_Y			
H1	End 2	R	8	EL1014	Channel	3	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	ON			
H1	End 2	R	8	EL1014	Channel	4	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	POWER			
H1	End 2	R	9	EL1872	Channel	1	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[1]			
H1	End 2	R	9	EL1872	Channel	2	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[2]			
H1	End 2	R	9	EL1872	Channel	3	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[3]			
H1	End 2	R	9	EL1872	Channel	4	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[4]			
H1	End 2	R	9	EL1872	Channel	5	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[5]			
H1	End 2	R	9	EL1872	Channel	6	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[6]			
H1	End 2	R	9	EL1872	Channel	7	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[7]			
H1	End 2	R	9	EL1872	Channel	8	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[8]			
H1	End 2	R	9	EL1872	Channel	9	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[1]			
H1	End 2	R	9	EL1872	Channel	10	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[2]			

Ifo	Chassis	Rail	#	Terminal	Channel	#	Name	PLC	Task	IO	Size	Struct	Parameter	Bit	Pos	Len
H1	End 2	R	9	EL1872	Channel	11	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[3]			
H1	End 2	R	9	EL1872	Channel	12	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[4]			
H1	End 2	R	9	EL1872	Channel	13	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[5]			
H1	End 2	R	9	EL1872	Channel	14	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[6]			
H1	End 2	R	9	EL1872	Channel	15	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[7]			
H1	End 2	R	9	EL1872	Channel	16	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[8]			
H1	End 2	R	9	EL1872	InfoData		State	PLC1	Fast	Inputs	BOOL	SysEndPico_AFastIn	INFO_DATA			
H1	End 2	R	10	EL2872	Channel	1	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	MOTOR[3]			
H1	End 2	R	10	EL2872	Channel	2	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	MOTOR[2]			
H1	End 2	R	10	EL2872	Channel	3	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	MOTOR[1]			
H1	End 2	R	10	EL2872	Channel	4	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	MOTOR[4]			
H1	End 2	R	10	EL2872	Channel	5	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	IDLE			
H1	End 2	R	10	EL2872	Channel	6	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	ENABLE			
H1	End 2	R	10	EL2872	Channel	7	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	DIR_X			
H1	End 2	R	10	EL2872	Channel	8	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	DIR_Y			
H1	End 2	R	10	EL2872	Channel	9	Output	PLC1	Fast	Outputs	BOOL	SysEndPico_AFastOut	CLK_X			
H1	End 2	R	10	EL2872	Channel	10	Output	PLC1	Fast	Outputs	BOOL	SysEndPico_AFastOut	CLK_Y			
H1	End 2	R	11	EL1872	Channel	1	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[1]			
H1	End 2	R	11	EL1872	Channel	2	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[2]			
H1	End 2	R	11	EL1872	Channel	3	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[3]			
H1	End 2	R	11	EL1872	Channel	4	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[4]			
H1	End 2	R	11	EL1872	Channel	5	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[5]			
H1	End 2	R	11	EL1872	Channel	6	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[6]			
H1	End 2	R	11	EL1872	Channel	7	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[7]			
H1	End 2	R	11	EL1872	Channel	8	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[8]			
H1	End 2	R	11	EL1872	Channel	9	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[1]			
H1	End 2	R	11	EL1872	Channel	10	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[2]			
H1	End 2	R	11	EL1872	Channel	11	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[3]			
H1	End 2	R	11	EL1872	Channel	12	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[4]			
H1	End 2	R	11	EL1872	Channel	13	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[5]			
H1	End 2	R	11	EL1872	Channel	14	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[6]			
H1	End 2	R	11	EL1872	Channel	15	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[7]			
H1	End 2	R	11	EL1872	Channel	16	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[8]			
H1	End 2	R	11	EL1872	InfoData		State	PLC1	Fast	Inputs	BOOL	SysEndPico_BFastIn	INFO_DATA			
H1	End 2	R	12	EL2872	Channel	1	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	MOTOR[3]			
H1	End 2	R	12	EL2872	Channel	2	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	MOTOR[2]			
H1	End 2	R	12	EL2872	Channel	3	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	MOTOR[1]			
H1	End 2	R	12	EL2872	Channel	4	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	MOTOR[4]			
H1	End 2	R	12	EL2872	Channel	5	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	IDLE			
H1	End 2	R	12	EL2872	Channel	6	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	ENABLE			
H1	End 2	R	12	EL2872	Channel	7	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	DIR_X			
H1	End 2	R	12	EL2872	Channel	8	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	DIR_Y			
H1	End 2	R	12	EL2872	Channel	9	Output	PLC1	Fast	Outputs	BOOL	SysEndPico_BFastOut	CLK_X			
H1	End 2	R	12	EL2872	Channel	10	Output	PLC1	Fast	Outputs	BOOL	SysEndPico_BFastOut	CLK_Y			

Ifo	Chassis	Rail	#	Terminal	Channel	#	Name	PLC	Task	IO	Size	Struct	Parameter	Bit	Pos	Len
H1	End 3	L	1	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserHeadIn	LaserDiode1PowerMonitor			
H1	End 2	L	1	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserHeadIn	LaserDiode2PowerMonitor			
H1	End 2	L	1	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserHeadIn	LaserCrystalTECErrorSignal			
H1	End 2	L	1	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserHeadIn	DoublingCrystalTECErrorSignal			
H1	End 2	L	2	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserHeadIn	LaserDiode1TECErrorSignal			
H1	End 2	L	2	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserHeadIn	LaserDiode2TECErrorSignal			
H1	End 2	L	2	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserHeadIn	NoiseEaterMonitor			
H1	End 2	L	2	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD					
H1	End 2	L	3	EL1124	Channel	1	Input	PLC2	Standard	Inputs	BOOL	AlsEndLaserHeadIn	LaserDiode1TempGuard			
H1	End 2	L	3	EL1124	Channel	2	Input	PLC2	Standard	Inputs	BOOL	AlsEndLaserHeadIn	LaserDiode2TempGuard			
H1	End 2	L	3	EL1124	Channel	3	Input	PLC2	Standard	Inputs	BOOL	AlsEndLaserHeadIn	Interlock			
H1	End 2	L	3	EL1124	Channel	4	Input	PLC2	Standard	Inputs	BOOL					
H1	End 2	L	5	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndFiber_ADemodIn	RFMon			
H1	End 2	L	5	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndFiber_ADemodIn	LOMon			
H1	End 2	L	5	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_ADemodIn	RFMon			
H1	End 2	L	5	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_ADemodIn	LOMon			
H1	End 2	L	6	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndRefI_ADemodIn	RFMon			
H1	End 2	L	6	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndRefI_ADemodIn	LOMon			
H1	End 2	L	6	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_BDemodIn	RFMon			
H1	End 2	L	6	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_BDemodIn	LOMon			
H1	End 2	L	7	EL1124	Channel	1	Input	PLC2	Standard	Inputs	BOOL	AlsEndFiber_ADemodIn	PowerOk			
H1	End 2	L	7	EL1124	Channel	2	Input	PLC2	Standard	Inputs	BOOL	AlsEndFiber_ADemodIn	Sign			
H1	End 2	L	7	EL1124	Channel	3	Input	PLC2	Standard	Inputs	BOOL	AlsEndSpare_ADemodIn	Sign			
H1	End 2	L	7	EL1124	Channel	4	Input	PLC2	Standard	Inputs	BOOL	AlsEndRefI_ADemodIn	PowerOk			
H1	End 2	L	9	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	IscRfEndAmp71mIn	OutputMon			
H1	End 2	L	9	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	IscRfEndAmp21m4In	OutputMon			
H1	End 2	L	9	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	IscRfEndAlsDiv39m9In	OutputMon			
H1	End 2	L	9	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	IscRfEndSpareIn	OutputMon			
H1	End 2	L	10	EL1124	Channel	1	Input	PLC2	Standard	Inputs	BOOL	IscRfEndAmp71mIn	PowerOk			
H1	End 2	L	10	EL1124	Channel	2	Input	PLC2	Standard	Inputs	BOOL	IscRfEndAmp21m4In	PowerOk			
H1	End 2	L	10	EL1124	Channel	3	Input	PLC2	Standard	Inputs	BOOL	IscRfEndAlsDiv39m9In	PowerOk			
H1	End 2	L	10	EL1124	Channel	4	Input	PLC2	Standard	Inputs	BOOL	IscRfEndSpareIn	PowerOk			
H1	End 2	L	12	EL3104	AI Standard Channel	1	Value	PLC3	Standard	Inputs	WORD	Tcs				
H1	End 2	L	12	EL3104	AI Standard Channel	2	Value	PLC3	Standard	Inputs	WORD	Tcs				
H1	End 2	L	12	EL3104	AI Standard Channel	3	Value	PLC3	Standard	Inputs	WORD	Tcs				
H1	End 2	L	12	EL3104	AI Standard Channel	4	Value	PLC3	Standard	Inputs	WORD	Tcs				
H1	End 2	L	13	EL3104	AI Standard Channel	1	Value	PLC3	Standard	Inputs	WORD	Tcs				
H1	End 2	L	13	EL3104	AI Standard Channel	2	Value	PLC3	Standard	Inputs	WORD	Tcs				
H1	End 2	L	13	EL3104	AI Standard Channel	3	Value	PLC3	Standard	Inputs	WORD	Tcs				
H1	End 2	L	13	EL3104	AI Standard Channel	4	Value	PLC3	Standard	Inputs	WORD	Tcs				
H1	End 2	L	14	EL4134	AI Standard Channel	1	Value	PLC3	Standard	Outputs	WORD	Tcs				
H1	End 2	L	14	EL4134	AI Standard Channel	2	Value	PLC3	Standard	Outputs	WORD	Tcs				
H1	End 2	L	14	EL4134	AI Standard Channel	3	Value	PLC3	Standard	Outputs	WORD	Tcs				
H1	End 2	L	14	EL4134	AI Standard Channel	4	Value	PLC3	Standard	Outputs	WORD	Tcs				
H1	End 2	L	15	EL1124	Channel	1	Input	PLC3	Standard	Inputs	BOOL	Tcs				
H1	End 2	L	15	EL1124	Channel	2	Input	PLC3	Standard	Inputs	BOOL	Tcs				
H1	End 2	L	15	EL1124	Channel	3	Input	PLC3	Standard	Inputs	BOOL	Tcs				
H1	End 2	L	15	EL1124	Channel	4	Input	PLC3	Standard	Inputs	BOOL	Tcs				
H1	End 2	M	1	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt2In	HV10MonitorPZTX			
H1	End 2	M	1	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt2In	PositionSensorPZTX			

H1	End 2	M	1	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt2In	HV10MonitorPZTY			
H1	End 2	M	1	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt2In	PositionSensorPZTY			
H1	End 2	M	2	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt1In	HV10MonitorPZTX			
H1	End 2	M	2	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt1In	PositionSensorPZTX			
H1	End 2	M	2	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt1In	HV10MonitorPZTY			
H1	End 2	M	2	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndPzt1In	PositionSensorPZTY			
H1	End 2	M	3	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndRefl_BDcIn	DCPower			
H1	End 2	M	3	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	LscEndTr_ADcIn	DCPower			
H1	End 2	M	3	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserGRDcIn	DCPower			
H1	End 2	M	3	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndFiber_ADcIn	DCPower			
H1	End 2	M	4	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_CDcIn	DCPower			
H1	End 2	M	4	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_DDcIn	DCPower			
H1	End 2	M	4	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_EDcIn	DCPower			
H1	End 2	M	4	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_FDcIn	DCPower			
H1	End 2	M	5	EL4132	AI Standard Channel	1	Value	PLC2	Standard	Outputs	WORD	AlsEndLaserOut	CrystalTemperature			
H1	End 2	M	5	EL4132	AI Standard Channel	2	Value	PLC2	Standard	Outputs	WORD	AlsEndLaserOut	DoublerTemperature			
H1	End 2	M	7	EL1124	Channel	1	Input	PLC2	Standard	Inputs	BOOL	IscEndExtraIn	BI1			
H1	End 2	M	7	EL1124	Channel	2	Input	PLC2	Standard	Inputs	BOOL	IscEndExtraIn	BI2			
H1	End 2	M	7	EL1124	Channel	3	Input	PLC2	Standard	Inputs	BOOL	IscEndExtraIn	BI3			
H1	End 2	M	7	EL1124	Channel	4	Input	PLC2	Standard	Inputs	BOOL	IscEndExtraIn	BI4			
H1	End 2	M	8	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	IscEndExtraOut	BO1			
H1	End 2	M	8	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	IscEndExtraOut	BO2			
H1	End 2	M	8	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	IscEndExtraOut	BO3			
H1	End 2	M	8	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	IscEndExtraOut	BO4			
H1	End 2	M	9	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	IscEndExtraIn	AI1			
H1	End 2	M	9	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	IscEndExtraIn	AI2			
H1	End 2	M	9	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	IscEndExtraIn	AI3			
H1	End 2	M	9	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	ReceiveFromRt	I[1]			
H1	End 2	M	10	EL4134	AI Standard Channel	1	Value	PLC2	Standard	Outputs	WORD	IscEndExtraOut	AO1			
H1	End 2	M	10	EL4134	AI Standard Channel	2	Value	PLC2	Standard	Outputs	WORD	IscEndExtraOut	AO2			
H1	End 2	M	10	EL4134	AI Standard Channel	3	Value	PLC2	Standard	Outputs	WORD	IscEndExtraOut	AO3			
H1	End 2	M	10	EL4134	AI Standard Channel	4	Value	PLC2	Standard	Outputs	WORD	SendToRt	O[1]			
H1	End 2	M	12	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndLaserIRDcIn	Gain	0	0	1
H1	End 2	M	12	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndLaserIRDcIn	Gain	1	0	1
H1	End 2	M	12	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrRejectedDcIn	Gain	0	0	1
H1	End 2	M	12	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrRejectedDcIn	Gain	1	0	1
H1	End 2	M	13	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrTransDcIn	Gain	0	0	1
H1	End 2	M	13	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndFibrTransDcIn	Gain	1	0	1
H1	End 2	M	13	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndSpare_BDcIn	Gain	0	0	1
H1	End 2	M	13	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL	AlsEndSpare_BDcIn	Gain	1	0	1
H1	End 2	M	14	EL3104	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndLaserIRDcIn	DCPower			
H1	End 2	M	14	EL3104	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD	AlsEndFibrRejectedDcIn	DCPower			
H1	End 2	M	14	EL3104	AI Standard Channel	3	Value	PLC2	Standard	Inputs	WORD	AlsEndFibrTransDcIn	DCPower			
H1	End 2	M	14	EL3104	AI Standard Channel	4	Value	PLC2	Standard	Inputs	WORD	AlsEndSpare_BDcIn	DCPower			
H1	End 2	M	15	EL1124	Channel	1	Input	PLC2	Standard	Inputs	BOOL	AlsEndRefl_ADcIn	Status			
H1	End 2	M	15	EL1124	Channel	2	Input	PLC2	Standard	Inputs	BOOL					
H1	End 2	M	15	EL1124	Channel	3	Input	PLC2	Standard	Inputs	BOOL					
H1	End 2	M	15	EL1124	Channel	4	Input	PLC2	Standard	Inputs	BOOL					
H1	End 2	M	16	EL2124	Channel	1	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefl_ADcOut	Gain	0	0	1
H1	End 2	M	16	EL2124	Channel	2	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefl_ADcOut	Gain	1	0	1
H1	End 2	M	16	EL2124	Channel	3	Output	PLC2	Standard	Outputs	BOOL	AlsEndRefl_ADcOut	Gain	2	0	1

H1	End 2	M	16	EL2124	Channel	4	Output	PLC2	Standard	Outputs	BOOL		
H1	End 2	M	17	EL3102	AI Standard Channel	1	Value	PLC2	Standard	Inputs	WORD	AlsEndRefl_ADcIn	DCPower
H1	End 2	M	17	EL3102	AI Standard Channel	2	Value	PLC2	Standard	Inputs	WORD		
H1	End 2	R	1	EL7332	DCM Status Channel	1	DCMReady	PLC1	Standard	Inputs	WORD	SysEndBDiv_AIn	DCMReady
H1	End 2	R	1	EL7332	DCM Status Channel	1	DCMWarning	PLC1	Standard	Inputs	WORD	SysEndBDiv_AIn	DCMWarning
H1	End 2	R	1	EL7332	DCM Status Channel	1	DCMError	PLC1	Standard	Inputs	WORD	SysEndBDiv_AIn	DCMError
H1	End 2	R	1	EL7332	DCM Control Channel	1	DCMEnable	PLC1	Standard	Oupputs	WORD	SysEndBDiv_AOut	DCMEnable
H1	End 2	R	1	EL7332	DCM Velocity Channel	1	Velocity	PLC1	Standard	Inputs	WORD	SysEndBDiv_AOut	DCMVelocity
H1	End 2	R	1	EL7332	DCM Status Channel	2	DCMReady	PLC1	Standard	Inputs	WORD		
H1	End 2	R	1	EL7332	DCM Status Channel	2	DCMWarning	PLC1	Standard	Inputs	WORD		
H1	End 2	R	1	EL7332	DCM Status Channel	2	DCMError	PLC1	Standard	Inputs	WORD		
H1	End 2	R	1	EL7332	DCM Control Channel	2	DCMEnable	PLC1	Standard	Oupputs	WORD		
H1	End 2	R	1	EL7332	DCM Velocity Channel	2	Velocity	PLC1	Standard	Inputs	WORD		
H1	End 2	R	2	EL1094	Channel	1	Input	PLC1	Standard	Inputs	BOOL	SysEndBDiv_AIn	ClosedPositionSwitch
H1	End 2	R	2	EL1094	Channel	2	Input	PLC1	Standard	Inputs	BOOL	SysEndBDiv_AIn	OpenPositionSwitch
H1	End 2	R	2	EL1094	Channel	3	Input	PLC1	Standard	Inputs	BOOL		
H1	End 2	R	2	EL1094	Channel	4	Input	PLC1	Standard	Inputs	BOOL		
H1	End 2	R	3	EL1094	Channel	1	Input	PLC1	Standard	Inputs	BOOL	SysEndShutter_AIn	State
H1	End 2	R	3	EL1094	Channel	2	Input	PLC1	Standard	Inputs	BOOL	SysEndShutter_BIn	State
H1	End 2	R	3	EL1094	Channel	3	Input	PLC1	Standard	Inputs	BOOL		
H1	End 2	R	3	EL1094	Channel	4	Input	PLC1	Standard	Inputs	BOOL		
H1	End 2	R	4	EL2008	Channel	1	Output	PLC1	Standard	Outputs	BOOL	SysEndShutter_AOut	Close
H1	End 2	R	4	EL2008	Channel	2	Output	PLC1	Standard	Outputs	BOOL	SysEndShutter_BOut	Close
H1	End 2	R	4	EL2008	Channel	3	Output	PLC1	Standard	Outputs	BOOL	SysEndShutter_BOut	Open
H1	End 2	R	4	EL2008	Channel	4	Output	PLC1	Standard	Outputs	BOOL	SysEndShutter_COut	Open
H1	End 2	R	4	EL2008	Channel	5	Output	PLC1	Standard	Outputs	BOOL		
H1	End 2	R	4	EL2008	Channel	6	Output	PLC1	Standard	Outputs	BOOL		
H1	End 2	R	4	EL2008	Channel	7	Output	PLC1	Standard	Outputs	BOOL		
H1	End 2	R	4	EL2008	Channel	8	Output	PLC1	Standard	Outputs	BOOL		
H1	End 2	R	5	EL3102	AI Standard Channel	1	Value	PLC1	Standard	Inputs	WORD	SysEndPico_AIn	TEMP_X
H1	End 2	R	5	EL3102	AI Standard Channel	2	Value	PLC1	Standard	Inputs	WORD	SysEndPico_AIn	TEMP_Y
H1	End 2	R	6	EL1014	Channel	1	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	FAULT_X
H1	End 2	R	6	EL1014	Channel	2	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	FAULT_Y
H1	End 2	R	6	EL1014	Channel	3	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	ON
H1	End 2	R	6	EL1014	Channel	4	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	POWER
H1	End 2	R	7	EL3102	AI Standard Channel	1	Value	PLC1	Standard	Inputs	WORD	SysEndPico_BIn	TEMP_X
H1	End 2	R	7	EL3102	AI Standard Channel	2	Value	PLC1	Standard	Inputs	WORD	SysEndPico_BIn	TEMP_Y
H1	End 2	R	8	EL1014	Channel	1	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	FAULT_X
H1	End 2	R	8	EL1014	Channel	2	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	FAULT_Y
H1	End 2	R	8	EL1014	Channel	3	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	ON
H1	End 2	R	8	EL1014	Channel	4	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	POWER
H1	End 2	R	9	EL1872	Channel	1	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[1]
H1	End 2	R	9	EL1872	Channel	2	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[2]
H1	End 2	R	9	EL1872	Channel	3	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[3]
H1	End 2	R	9	EL1872	Channel	4	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[4]
H1	End 2	R	9	EL1872	Channel	5	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[5]
H1	End 2	R	9	EL1872	Channel	6	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[6]
H1	End 2	R	9	EL1872	Channel	7	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[7]
H1	End 2	R	9	EL1872	Channel	8	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_X[8]
H1	End 2	R	9	EL1872	Channel	9	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[1]
H1	End 2	R	9	EL1872	Channel	10	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[2]
H1	End 2	R	9	EL1872	Channel	11	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[3]
H1	End 2	R	9	EL1872	Channel	12	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[4]

H1	End 2	R	9	EL1872	Channel	13	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[5]
H1	End 2	R	9	EL1872	Channel	14	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[6]
H1	End 2	R	9	EL1872	Channel	15	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[7]
H1	End 2	R	9	EL1872	Channel	16	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_AIn	MOTOR_Y[8]
H1	End 2	R	9	EL1872	InfoData		State	PLC1	Fast	Inputs	BOOL	SysEndPico_AFastIn	INFO_DATA
H1	End 2	R	10	EL2872	Channel	1	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	MOTOR[3]
H1	End 2	R	10	EL2872	Channel	2	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	MOTOR[2]
H1	End 2	R	10	EL2872	Channel	3	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	MOTOR[1]
H1	End 2	R	10	EL2872	Channel	4	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	MOTOR[4]
H1	End 2	R	10	EL2872	Channel	5	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	IDLE
H1	End 2	R	10	EL2872	Channel	6	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	ENABLE
H1	End 2	R	10	EL2872	Channel	7	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	DIR_X
H1	End 2	R	10	EL2872	Channel	8	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_AOut	DIR_Y
H1	End 2	R	10	EL2872	Channel	9	Output	PLC1	Fast	Outputs	BOOL	SysEndPico_AFastOut	CLK_X
H1	End 2	R	10	EL2872	Channel	10	Output	PLC1	Fast	Outputs	BOOL	SysEndPico_AFastOut	CLK_Y
H1	End 2	R	11	EL1872	Channel	1	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[1]
H1	End 2	R	11	EL1872	Channel	2	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[2]
H1	End 2	R	11	EL1872	Channel	3	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[3]
H1	End 2	R	11	EL1872	Channel	4	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[4]
H1	End 2	R	11	EL1872	Channel	5	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[5]
H1	End 2	R	11	EL1872	Channel	6	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[6]
H1	End 2	R	11	EL1872	Channel	7	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[7]
H1	End 2	R	11	EL1872	Channel	8	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_X[8]
H1	End 2	R	11	EL1872	Channel	9	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[1]
H1	End 2	R	11	EL1872	Channel	10	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[2]
H1	End 2	R	11	EL1872	Channel	11	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[3]
H1	End 2	R	11	EL1872	Channel	12	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[4]
H1	End 2	R	11	EL1872	Channel	13	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[5]
H1	End 2	R	11	EL1872	Channel	14	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[6]
H1	End 2	R	11	EL1872	Channel	15	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[7]
H1	End 2	R	11	EL1872	Channel	16	Input	PLC1	Standard	Inputs	BOOL	SysEndPico_BIn	MOTOR_Y[8]
H1	End 2	R	11	EL1872	InfoData		State	PLC1	Fast	Inputs	BOOL	SysEndPico_BFastIn	INFO_DATA
H1	End 2	R	12	EL2872	Channel	1	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	MOTOR[3]
H1	End 2	R	12	EL2872	Channel	2	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	MOTOR[2]
H1	End 2	R	12	EL2872	Channel	3	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	MOTOR[1]
H1	End 2	R	12	EL2872	Channel	4	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	MOTOR[4]
H1	End 2	R	12	EL2872	Channel	5	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	IDLE
H1	End 2	R	12	EL2872	Channel	6	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	ENABLE
H1	End 2	R	12	EL2872	Channel	7	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	DIR_X
H1	End 2	R	12	EL2872	Channel	8	Output	PLC1	Standard	Outputs	BOOL	SysEndPico_BOut	DIR_Y
H1	End 2	R	12	EL2872	Channel	9	Output	PLC1	Fast	Outputs	BOOL	SysEndPico_BFastOut	CLK_X
H1	End 2	R	12	EL2872	Channel	10	Output	PLC1	Fast	Outputs	BOOL	SysEndPico_BFastOut	CLK_Y

ECAT End

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Internal

PLC	Task	IO	Size	Struct	Parameter
PLC2	Standard	Inputs	BOOL	AlsEndFiber_ADemodOut	PowerOk
PLC2	Standard	Inputs	BOOL	AlsEndRefl_ADemodOut	PowerOk

Bit	Pos	Len	PLC	Task	IO	Size	Struct	Parameter
			PLC2	Standard	Inputs	BOOL	AlsEndSpare_ADemodIn	PowerOk
			PLC2	Standard	Inputs	BOOL	AlsEndSpare_BDemodIn	PowerOk

Bit Pos Len