

# PlcS5TimeInfo Class

**Namespace:** IPS7Lnk.Advanced

**Assemblies:** IPS7LnkNet.Advanced.dll

Represents a [TimeSpan](#) value member (in PLC a S5TIME) its value defines an time interval.

**C#**

```
public class PlcS5TimeInfo : PlcValueInfo<TimeSpan>, IPlcValueInfo, IPlcMemberInfo,
IPlcRelocatable<IPlcMemberInfo>, IPlcRelocatable
```

**Inheritance** [Object](#) > [PlcMemberInfo](#) > [PlcValueInfo<TimeSpan>](#) > [PlcS5TimeInfo](#)

**Implements** [IPlcValueInfo](#), [IPlcMemberInfo](#), [IPlcRelocatable<IPlcMemberInfo>](#), [IPlcRelocatable](#)

## Remarks

While a PLC value of this type represents a [TimeSpan](#) value, all PLC operations performed using this class are done using the [Word](#). A PLC developer knows a value of this type as S5TIME.

## Constructors

Name	Description
<a href="#">PlcS5TimeInfo(PlcIdentity, PlcName)</a>	Initializes a new instance of the <a href="#">PlcS5TimeInfo</a> class using the specified <a href="#">identity</a> and <a href="#">name</a> .
<a href="#">PlcS5TimeInfo(PlcIdentity, PlcName, TimeSpan)</a>	Initializes a new instance of the <a href="#">PlcS5TimeInfo</a> class using the specified <a href="#">identity</a> , <a href="#">name</a> and <a href="#">initialValue</a> .
<a href="#">PlcS5TimeInfo(PlcName)</a>	Initializes a new instance of the <a href="#">PlcS5TimeInfo</a> class using the specified <a href="#">name</a>
<a href="#">PlcS5TimeInfo(PlcName, TimeSpan)</a>	Initializes a new instance of the <a href="#">PlcS5TimeInfo</a> class using the specified <a href="#">name</a> and <a href="#">initialValue</a> .
<a href="#">PlcS5TimeInfo(PlcS5TimeType, PlcName)</a>	Initializes a new instance of the <a href="#">PlcS5TimeInfo</a> class using the specified <a href="#">type</a> and <a href="#">name</a> .
<a href="#">PlcS5TimeInfo(PlcS5TimeType, PlcName, TimeSpan)</a>	Initializes a new instance of the <a href="#">PlcS5TimeInfo</a> class using the specified <a href="#">type</a> , <a href="#">name</a> and <a href="#">initialValue</a> .

## Properties

Name	Description
<a href="#">Name</a>	Gets the name of the member. (Inherited from <a href="#">PlcMemberInfo</a> )
<a href="#">Type</a>	Gets the <a href="#">PlcType</a> of the member. (Inherited from <a href="#">PlcMemberInfo</a> )

# Methods

Name	Description
MakeAbsoluteMember(PlcIdentity)	Retrieves the PlcS5TimeInfo as an absolute addressable PLC data member.
MakeAbsoluteMember(PlcIdentity)	When implemented in a derived class, retrieves the IPlcMemberInfo as an absolute addressable PLC data member. (Inherited from PlcMemberInfo)
Relocate(Int32)	Relocates the PlcMemberInfo using the specified offset. (Inherited from PlcMemberInfo)
Relocate(Int32, Int32)	Relocates the PlcMemberInfo using the specified offset. (Inherited from PlcMemberInfo)
Relocate(Int32, Int32, Int32)	Relocates the PlcMemberInfo using the specified offset. (Inherited from PlcMemberInfo)
Relocate(PlcAddress)	Relocates the PlcMemberInfo using the specified address. (Inherited from PlcMemberInfo)
RelocateCore(PlcType)	Relocates the member to the type specified.
RelocateCore(PlcType)	When implemented in a derived class, relocates the member to the type specified. (Inherited from PlcMemberInfo)
ToString	Retrieves the string representation of the PlcMemberInfo. (Inherited from PlcMemberInfo)

# Table of Contents

Remarks .....	1
<b>Constructors</b> .....	1
<b>Properties</b> .....	1
<b>Methods</b> .....	2

