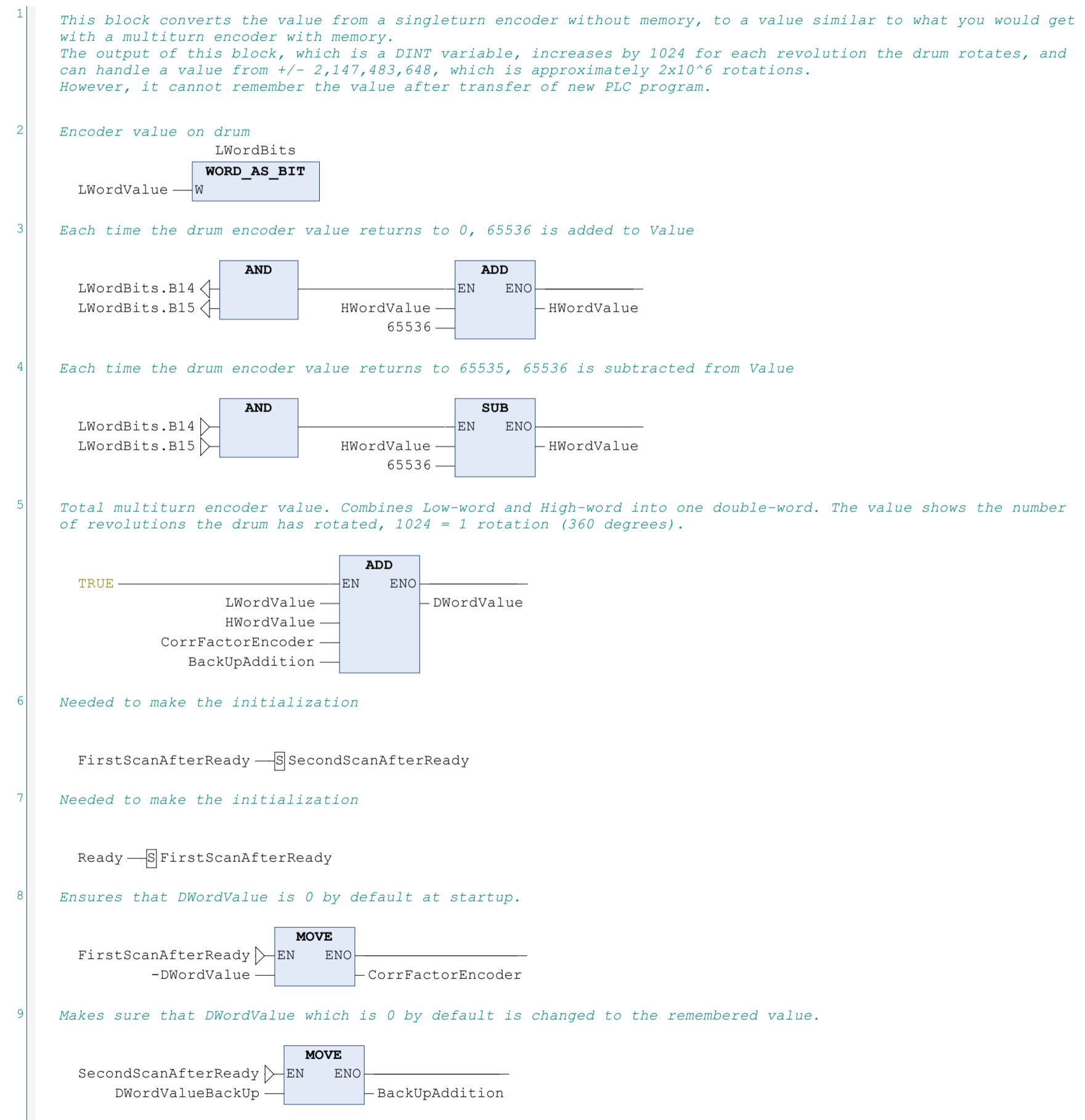


```

1  FUNCTION_BLOCK Encoder
2  VAR_INPUT
3      Ready : BOOL ;
4      LWordValue : UINT ;
5  END_VAR
6  VAR
7      LWordBits : WORD_AS_BIT ;
8      HWordValue : DINT ;
9      CorrFactorEncoder : DINT ;
10     BackUpAddition : DINT ;
11     FirstScanAfterReady : BOOL ;
12     SecondScanAfterReady : BOOL ;
13 END_VAR
14 VAR_RETAIN PERSISTENT
15     DWordValueBackUp : DINT ;
16 END_VAR
17 VAR_OUTPUT
18     DWordValue : DINT ;
19     Valid : BOOL ;
20 END_VAR
21

```



10 | *Updates DWordValueBackUp with latest value. Used to remember the encoder value at startup after being switched off.*

