

Application Note Substitute AC-SCM6U(-BT, -BT-L)

General Information

From 01.06.20 the AC-SCM6U series will be replaced by the AC-SCM7U series.

Article AC-SCM6U series	Replacement AC-SCM7U series
AC-SCM6U (520140)	AC-SCM7U (520143)
AC-SCM6U-BT (520141)	AC-SCM7U-BT (520144)
AC-SCM6U-BT-L (520142)	AC-SCM7U-BT-L (520145)

General Information

The only difference between the AC-SCM6U series and the AC-SCM7U series will be an internal exchange of pin 1 and pin 6 resulting in an exchange of muting sensor 3 (MS3) and muting sensor 4 (MS4).

Pin assignment

AC-SCM6U series

Pin	Connection to MLD	MS1	MS2	MS3	MS4	LMP	RES
1	MS4	24 V	24 V	24 V	24 V		24 V
2	24 V					LMP	RES
3	MS2	0 V	0 V	0 V	0 V	0 V	
4	MS1	MS1	MS2	MS3	MS4	LMP	RES
5	RES/LMP						
6	MS3						
7	0 V						
8	n.c.						

Pin assignment

AC-SCM7U series

Pin	Connection to MLD	MS1	MS2	MS3	MS4	LMP	RES
1	MS3	24 V	24 V	24 V	24 V		24 V
2	24 V					LMP	RES
3	MS2	0 V	0 V	0 V	0 V	0 V	
4	MS1	MS1	MS2	MS3	MS4	LMP	RES
5	RES/LMP						
6	MS4						
7	0 V						
8	n.c.						

Attention

Note:

For AC-SCM7U series, the document “Safety information for the usage of multiple light beam safety devices MLD335/MLD535” is no longer valid.

The described measures in this document (exchanging MS3 and MS4 and exchanging pins 1 and 6) are only valid for AC-SCM6U series and must not be taken for AC-SCM7U series.

If you replace AC-SCM6U by AC-SCM7U in an existing application where you have exchanged MS3 and MS4 or pin 1 and pin 6 it is necessary to undo this step.

Any questions!?

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