

1 Products affected:

PSE IV standard part numbers

1241.2434.1 – 1241.2434.8

1241.2445

1241.3046.1 - 1241.3046.8

1241.3330 – 1241.3335

1241.3998

Customized part number on request

2 Type of Change:

The sealing compound for the rear potting of the switch will be changed. With this potting material the PSE switch meets the specification according to DIN EN 60068-2-30 Db-environmental assessment moist heat (air test with 55 ° C / 93% humidity).

The following safety classes continue to be met:

Based on IEC / DIN / EN / 60529 front side IP 67

DIN 40050-9:1993 / Front Side IP 69K

The change takes place ongoing from date code 1048.

On the pcb for the electronic interface a new component must be used due to a component discontinuation. Thus, the electrical data had to be modified as shown below.

This change is effective for switches from date code 1120.

3 Impact of form, fit and function:

	Old:	New:
Form:		
Color of the rear side potting material	white	blue
Fit: None		
Function:		
Moist heat according to DIN EN 60068-2-30		front side / rear side
Switching voltage max.	42 VAC / 60 VDC	32 VAC / 48 VDC
Switching current max.	2,6 A	1 A
Breaking capacity	15,6 W	10 W
Initial contact resistance	< 5 Ohm	< 1 Ohm

4 Reference Documents:

Document	Document Number	Remark
Data sheet PSE IV	0105.9326	Weblink: http://www.schurter.de/var/schurter/storage/ilcatalogue/files/document/datasheet/en/pdf/typ_PSEM16Prolonged_Signal.pdf

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