



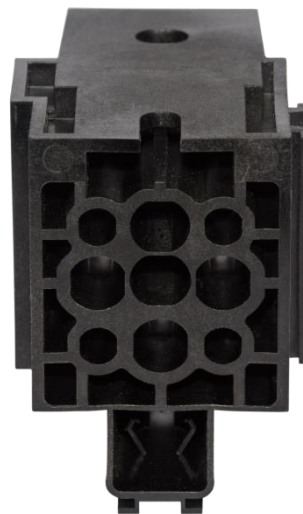
# Watertight Serviceable Socket



**Socket waterproof incl.  
MRS Micro SPS**



**Socket waterproof incl.  
metal bracket and silicone  
gasket**



Data sheet  
Watertight Serviceable Socket

MRS Electronic, Inc.®  
2149 Winner Circle  
Dayton, OH 45404  
(937) 522-0800  
www.mrs-electronic.com



## Technical Data

Connector	Crimp Lear AFK 4.8 PLUS Crimp Lear AFK 2.8 PLUS
Housing Dimensions (L x W x H)	57 x 41 x 54 mm (maximum dimensions without metal bracket)
Weight Socket	48.4 g
Material	PA66 GF30
Protection Class	IP 65
Max. Ampacity AFK 4.8 PLUS	25 A (at 2.5 mm <sup>2</sup> diameter Litz wire)

## Mechanical/ Thermal Properties PA66 GF30 (From Manufacturer)

Modulus of Elasticity	9.000 MPa
Breaking Strength (5mm/min)	180 MPa
Elongation at Rupture (5mm/min)	3.2%
Melting Temperature	260 °C
Deflexion Temperature HDT A/ HDT B	250°C

## Contacts

Crimp Lear AFK 4.8 PLUS	Max. 5
Crimp Lear AFK 2.8 PLUS	Max. 4

## Order Information

Description	Order Number
Socket Waterproof	1.017.010.00
Complete Socket Set for Housing with Dimensions 30 x 30 x 30 mm (G1)	300047
Complete Socket Set for Housing with Dimensions 30 x 30 x 40 mm (G2)	114265
Complete Socket Set for Housing with Dimensions 30 x 30 x 50 mm (G3)	300048

## Content of 30mm Complete Socket Set

Description	Order Number
1 Clamping Bracket 30 mm	500043
1 Sealing Pad 1mm	114071
4 LEAR 2.8 Gasket	114074
5 LEAR 4.8 Gasket	114197
5 Crimp Contact LEAR AFK 4.8 PLUS	114117
4 Crimp Contact LEAR AFK 2.8 PLUS	114073
4 Blind Plug TYCO Junior Power Timer	107306
3 Blind Plug TYCO	500001
1 Screw M4 x 30	107737
1 Self-Locking Nut M4	109398

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**Content of 40mm Complete Socket Set**

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<b>Description</b>	<b>Order Number</b>
1 Clamping Bracket 40 mm	114346
1 Sealing Pad 1mm	114071
4 LEAR 2.8 Gasket	114074
5 LEAR 4.8 Gasket	114197
5 Crimp Contact LEAR AFK 4.8 PLUS	114117
4 Crimp Contact LEAR AFK 2.8 PLUS	114073
4 Blind Plug TYCO Junior Power Timer	107306
3 Blind Plug TYCO	500001
1 Screw M4 x 30	107737
1 Self-Locking Nut M4	109398

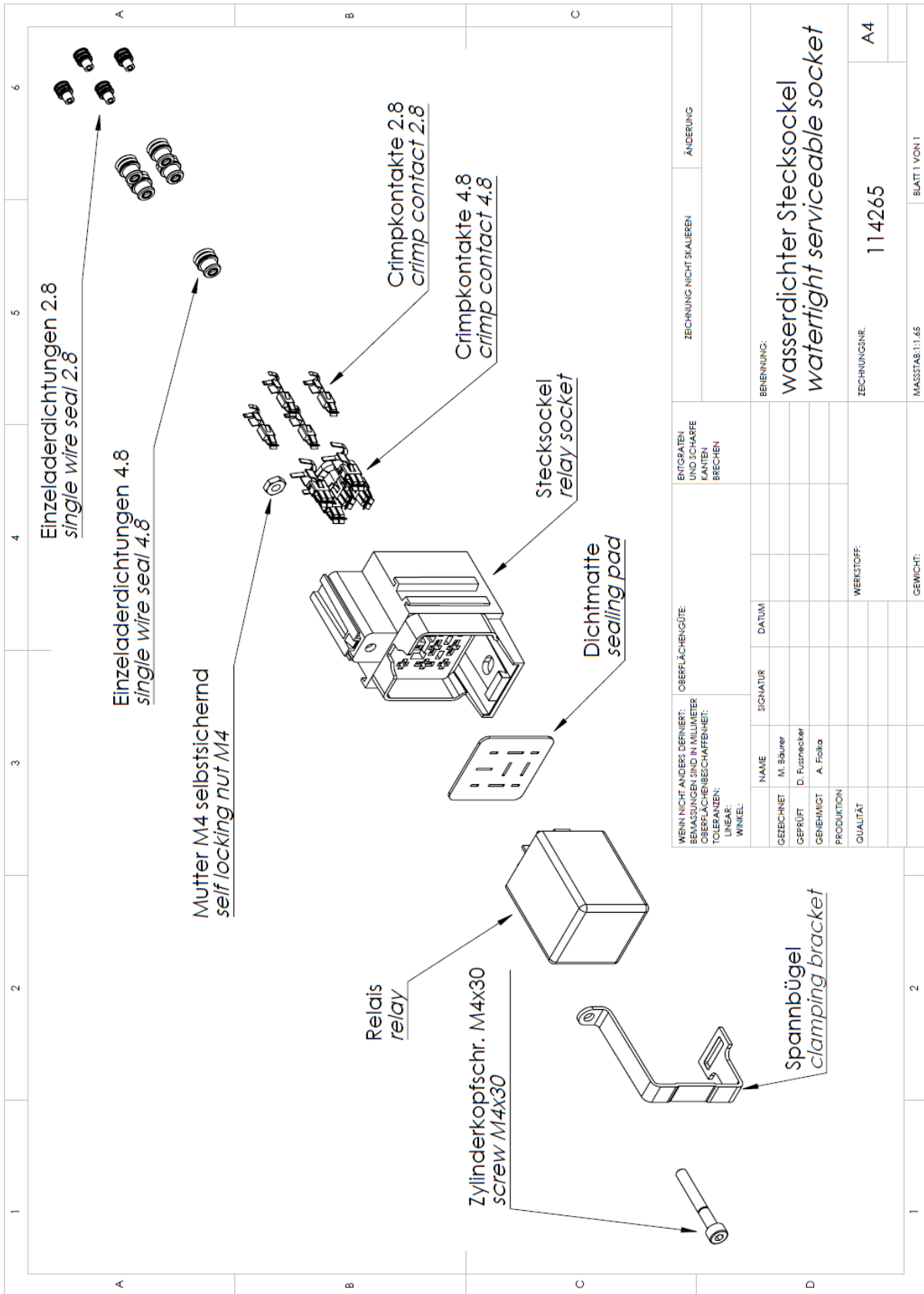
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**Content of 50mm Complete Socket Set**

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<b>Description</b>	<b>Order Number</b>
1 Clamping Bracket 50 mm	500044
1 Sealing Pad 1mm	114071
4 LEAR 2.8 Gasket	114074
5 LEAR 4.8 Gasket	114197
5 Crimp Contact LEAR AFK 4.8 PLUS	114117
4 Crimp Contact LEAR AFK 2.8 PLUS	114073
4 Blind Plug TYCO Junior Power Timer	107306
3 Blind Plug TYCO	500001
1 Screw M4 x 30	107737
1 Self-Locking Nut M4	109398

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WENN NICHT ANDERS DERNERT: BEMASSUNGEN SIND IN MILLIMETER OBERFLÄCHENBECHAFFENHEIT: TOLERANZEN: LINEAR: WINKEL:		OBERFLÄCHENGÜTE:		ENTGRATEN UND SCHARFE KANTEN BRECHEN		ZEICHNUNG NICHT SKALIEREN		ÄNDERUNG	
GEZEICHNET	M. Bäuer	SIGNATUR		DATUM		BENENNUNG: wasserdichter Stecksocket watertight serviceable socket			
GEPRÜFT	D. Fußreiter					ZEICHNUNGSNR. 114265			
GENEHIGT	A. Folka					MASSSTAB: 1:1.65			
PRODUKTION						WERKSTOFF:			
QUALITÄT						GEWICHT:			
						A4		BLATT 1 VON 1	