



INSTALLATION INSTRUCTIONS



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Fig. 1 Accessories / Zubehör



LWL DS1 18M
Plastic optical fibre
No. 910 642
optical fibre bundle: 18 m

	Technical Data
loss at 660 nm	< 200 dB / km
Installation	-5°C ... +50°C
Operating	-25°C ... +85°C
Storage	-35°C ... +85°C

Fig. 2 Connection / Anschluss

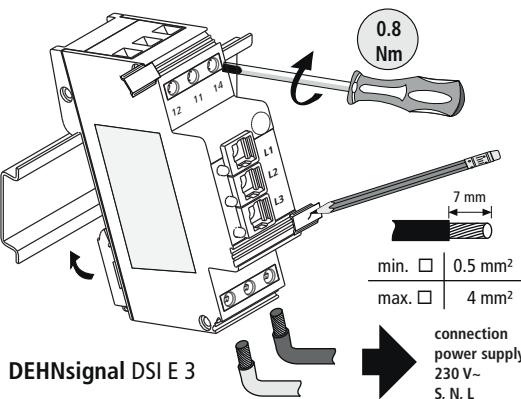


Fig. 3 Technical Data / Technische Daten

U _N	DEHNsignal E 3	DSI E 3
max. □	230 V~	16 A gL/gG (C16 A)
P		< 550 mW
9°C		-40°C ... +80°C
IP Code		IP 20
		floating changeover contact
U _N / I _N	AC: 250V / 0.5A DC: 250V / 0.1A; 125V / 0.2A 75V / 0.5A	
min. □		0.5 mm ²
max. □		4 mm ²
		min. □ 0.5 mm ² max. □ 4 mm ²

Fig. 4 Function / Funktion

DEHNsignal DS1 E 3		DBM 1 255 S / DGPM 1 255 S		
LED red	LED green	signal	Function	Check
L 1	●		ok	---
L 2	●		L 1 + L 2 + L 3 (N)	
L 3	●			
L	●		check	
and/or			power supply 230/400 V~ (L1 and/or L2 and/or L3)	
L	●		DEHNgap Maxi S DBM 1 255 S	
and/or				
L	●			
L 1	●		check	
			power-supply 230 V~ (L/N) of DS1 E 3	
L 2	●		power backup fuse F of DS1 E 3	
			connection of DS1 E 3 see Fig. 6b	
L 3	●		DEHNgap Maxi S DGPM 1 255 S	
			Service	
			no	ok
			yes	
				replace

Fig. 5 Fibre Optic Cable assembling / Montage des Lichtwellenleiters

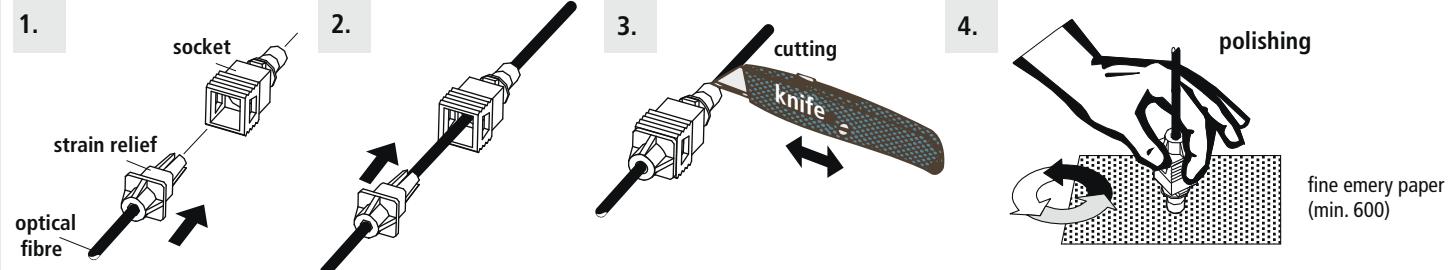


Fig. 6a TN-C System: Application and Connection / Anwendung und Anschluss

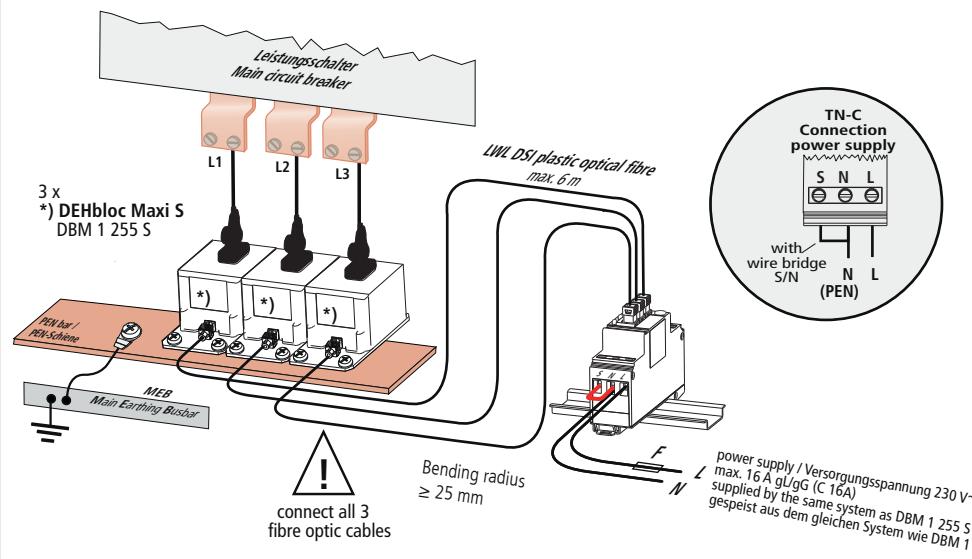


Fig. 6b TN (-C)-S System: Application and Connection / Anwendung und Anschluss

