

# Technical data for shading systems and roller shutter control

	CE	CE	CE	CE
<b>Contacts</b>	<b>EGS12Z<sup>b)</sup></b>	<b>EGS12Z2<sup>b)</sup></b>	<b>LDW12/MSR12<sup>1)</sup></b>	<b>MTR12/DCM12</b>
Contact material/contact gap	AgSnO <sub>2</sub> /0.5 mm	AgSnO <sub>2</sub> /0.5 mm	OptoMOS	AgSnO <sub>2</sub> /0.5 mm
Spacing of control connections/contact	3 mm	3 mm	3 mm/6 mm	3 mm
Test voltage as per VDE 0110 control connection to contact	2000V	2000V	2000V/4000V	2000V
Rated switching capacity	16 A / 250V AC	5 A / 250V AC	50 mA/8..230V UC DCM: 90 W	5 A / 250V AC
Inductive load cos φ = 0.6/230V AC	650 W	650 W <sup>2)</sup>	–	MTR: 650 W <sup>2)</sup>
Life at rated load, cos φ = 0.6	>4x10 <sup>4</sup>	>4x10 <sup>4</sup>	–	>4x10 <sup>4</sup>
Switch position indication	WA and RV	WA and RV	LED	LED
Terminal cross-section 2-fold/3-fold	12 mm <sup>2</sup> / 7 mm <sup>2</sup>	12 mm <sup>2</sup> / 7 mm <sup>2</sup>	12 mm <sup>2</sup> / 7 mm <sup>2</sup>	12 mm <sup>2</sup> / 7 mm <sup>2</sup>
Maximum conductor cross-section 2-fold/3-fold	6 mm <sup>2</sup> / 4 mm <sup>2</sup>	6 mm <sup>2</sup> / 4 mm <sup>2</sup>	6 mm <sup>2</sup> / 4 mm <sup>2</sup>	6 mm <sup>2</sup> / 4 mm <sup>2</sup>
Screw head	slotted/Phillips pozidriv	slotted/Phillips pozidriv	slotted/Phillips pozidriv	slotted/Phillips pozidriv
Shock-hazard protection (on the device)	VDE 0106 part 100	VDE 0106 part 100	VDE 0106 part 100	VDE 0106 part 100
<b>Electronics</b>				
Time on (also for central on/off)	100%	100%	100%	100%
Max./Min. temperature at mounting location	+ 50 ° C / -20 ° C	+ 50 ° C / -20 ° C	+ 50 ° C / -20 ° C	+ 50 ° C / -20 ° C
Control current A3-A8 at 12/24/230V ±20%	0.05/0.11/0.7 mA	0.05/0.11/0.7 mA	-	0.1/0.2/1 mA
Permanent power consumption	0.05/0.1/0.4 W	0.05/0.1/1 W	LDW: 0.05/0.1/0.4 W	MTR12: 0.7 W
Power supply 12/24/230V			MSR: -/0.5W/-	DCM12: 0.07 W
Min. command duration	50ms	50ms	–	–
<b>Compliance with</b>	<b>EN 61000-6-3, EN 61000-6-1 and EN 60 669</b>			

<sup>b)</sup> Bistable relay as relay contact. Do not connect the switched consumer to the mains before the automatic synchronisation of approx. 2 seconds after installation has terminated.

<sup>1)</sup> After installation and after a power failure the multisensor needs approx. 1 minute before the wind sensor is active. During this process the outputs wind and sun of the MSR12 are blocked and 3 LEDs flash slowly.

<sup>2)</sup> Inductive load cos φ = 0,6 as sum of both contacts 1000 W max.