

# RCM-A remote indication

for central power supply systems according to EN 50171

RCM-AR flush-mounted



RCM-AS surface-mounted



## RCM-A remote indication

The RCM-A remote display uses a battery power supply to display the the most important system functions safely. A key-operated switch can be used to block emergency lighting operation during periods of inactivity. The remote indicator thus fulfils the requirement that remote switching is only permissible if actuation by Unauthorized persons are not possible. By blocking the emergency operation the battery maintenance charge is not affected. A differential loop monitoring leads to Short-circuit or open-circuit detection to make the system ready for operation. LED indicators: System operational, power source for safety purposes, error.

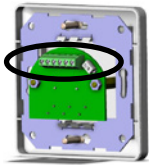
	RCM-AS surface-mounted	RCM-AR flush-mounted
<b>Mechanic</b>		
Dimensions (W x H x D mm)	80 x 80 x 52	80 x 80 12 (without flush-mounted box) Diameter flush-mounted box: 70 mm Deep flush-mounted box: 64 mm
Weight	0.15 kg	0.16 kg
Degree of protection	IP 20	IP 20
Material	Thermoplast	
Resistant up to Flammability	650°C	
<b>Environment</b>		
Ambient temperature	-5°C ... +35°C	
Storage temperature	-20°C ... +65°C	
Relative humidity	10% ... 95% no condensation	
Air pressure	795 ... 1080 hPa	
<b>EMC</b>		
Interference immunity	EN/IEC 61000-6-2	
Interference radiation	EN/IEC 61000-6-3	
<b>Electrical parameters</b>		
Rated voltage	24 V DC (SELV)	
Degree of pollution	2	
Power consumption	< 1 W	
<b>Installation</b>		
Lead	J-Y(ST)Y 4 x 2 x 0.8	
Max. Cable length	2000 m	

## Ordering details

Type	Scope of supply	Order No.
RCM-AS remote indication	Subassembly for wall mounting	40071362390
RCM-AR remote indication flush-mounted	Component for installation in switch or cavity wall sockets according to DIN VDE 0606	40071362395

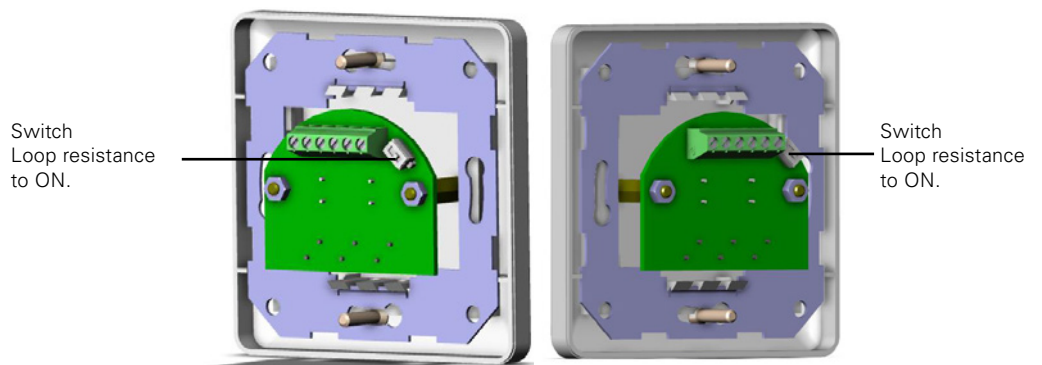
## Connections RCM-A Modul

Connection to control unit ACU DG-S, CU CG-S, CU S+ (ZB-S, ATS+)

Clamps RCM-A Modul	Clamps DualGuard-S	Clamps LP-STAR	Clamps AT-S+	Clamps ZB-S
12 LED red	K1.NC	14	14	14
22 LED green	K2.NO	24	24	24
32 LED yellow	K3.NO	34	34	34
S1	IN1.1	S1	S1	S1
S2	IN1.2	S2	S2	S2
+24 V	+24 V	+24 V	+24 V	+24 V
	Bridge between -24 V and terminals K1.COM, K2.COM and K3.COM	Bridge between -24 V and terminals 11, 21 and 31	Bridge between -24 V and terminal C0	Bridge between -24 V and terminal C0

## Switch for loop resistance

The RCM-A modul unit contains a switch for loop resistance (1K $\Omega$ ). The right figure shows the printed board which includes a marking stating the switch settings depending on the system.



View on the RCM-A module after opening