

# Electromagnets range RM

Electromagnets with feed-back contact and connection terminal block



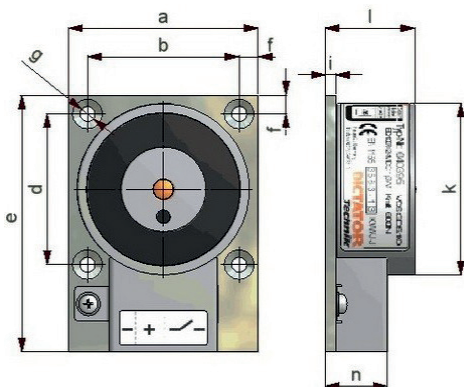
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## CHARACTERISTICS

- Used when it is necessary to know remotely whether the counter plate is in contact with the electromagnet, e.g. on fire doors in transport vehicles, machines or central monitoring systems
- When the counter plate adheres to the magnet and the latter is energized, this is registered by an integrated contact (NO) which passes on the information
- Equipped with a terminal block on the mounting plate, to which both power supply and feed-back contact are connected
- Due to its exposed connection terminal its IP rating is IP 20. If higher protection is required, we recommend the ST range
- Electromagnets EM GD RM allow a very wide range of switching voltages and switching currents
- Equipped with a spark extinction diode as standard: in case of faulty connection, the integrated polarity protection prevents the spark extinction diode from being destroyed
- As counter piece for the electromagnet, a counter plate has to be fixed on the door
- All electromagnets with 'LE 07016' in their description have been tested according to EN 1155
- Some articles may differ from the photo

## DIMENSIONS

All dimensions in mm



Type	a	b	d	e	f	g	i	k	l	n
EM GD 50 F 26 RM	55	44	44	75	5,5	∅ 4,5	3	∅ 50	26	18
EM GD 60 F 26 RM	65	55	55	85	5	∅ 4,5	3	∅ 60	26	18
EM GD 70 F 39 RM	75	60	60	95	7,5	∅ 5,5	4	∅ 70	39	18



## TECHNICAL DATA

Voltage	24 VDC +/-15 %
Power consumption EM GD 50/EM GD 60	67 mA (1.6 W)
Power consumption EM GD 70	71 mA (1.7 W)
Temperature range	-20 °C to +60 °C
Protection	IP 20
Surface	zinc-plated
Switching capacity	max. 10 VA (for every combination current/voltage)
Switchable load	max. 180 V DC/AC; max. 0.5 A DC/AC
Remanence	0 N
Duty cycle	100 %
Holding force EM GD 50	600 N
Holding force EM GD 60	700 N
Holding force EM GD 70	1450 N
Feedback contact	1 make contact (NO)

## INSTALLATION



Installation instructions

## ORDER INFORMATION

Description	Part no.
EM GD 50 F 26 RM electromagnet, 600 N, 24 VDC, LE 07016	040395
EM GD 60 F 26 RM electromagnet, 700 N, 24 VDC, LE 07016	040396
EM GD 70 F 39 RM electromagnet, 1450 N, 24 VDC, LE 07016	040397