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**CR240**

Curved Sliding Door

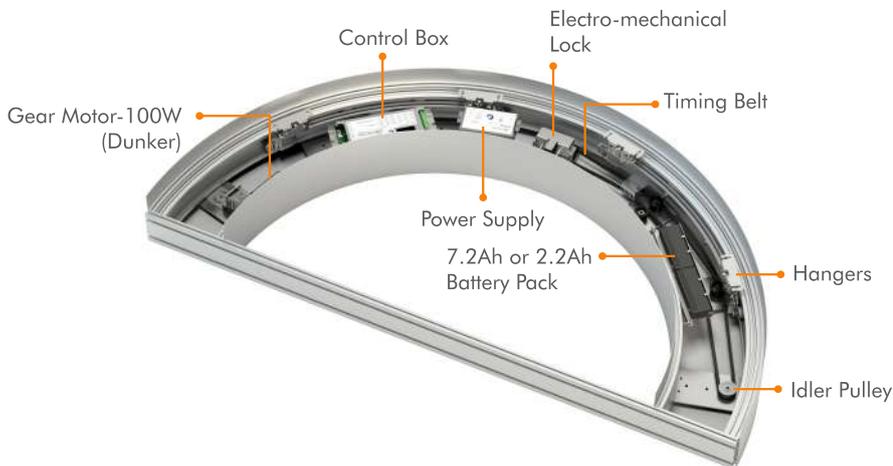
# CR240

Outstanding quality and unique design have made the perfect combination in Deuschtec products. These highly intelligent models enjoy incredible strength as well. Employing world-famous German technology has made Deuschtec sliding door systems into robust and sturdy products which will easily handle heavy weights – as a result of using triple-glazing glass, for instance and painlessly resist tension – for example, caused by extreme weather conditions.

Due to these models' smart design to be energy saving and immune to wear, we have been able to present you an entry solution which is long-lasting, environment-friendly and an excellent value for your money.

This series' toughness, however, has not made it any less attractive. We have a vision and it is to bring your vision to life!

We have promised to bring every single vision of yours to life and Deuschtec curved sliding solution is one of the many ways to deliver this promise. This model gives your facade a magnificent look like no other entrance. Offering a wider opening, Deuschtec curved sliding door is a perfect choice when you desire great ease of passage in hectic times.



Standard	CR240
Compliant with german standard DIN 18650	✓
Compliant with EU standard EN 16005	✓
Compliant with EU standard EN 60335	✓
Compliant with EU standard EN ISO 13849-1	✓

Standard	CR240
Compliant with EU low-voltage directives	✓
Compliant with EU EMC directives	✓
Manufactured according to ISO 9001	✓
CE conformity	✓

**Technical Detail CR240**

Opening width - single panel	800 - 2000 mm
Opening width - double panel	1000 - 3000 mm
Max leaf weight, single	1 x 200 Kg
Max leaf weight, double	2 x 150 Kg
Operator height	210 mm
Operator depth	270 mm
Hold-open time	0 - 30 s
Ambient temperature	-15 to + 50°C
Protection class	IP 20
External protected power supply	✓
Power supply power	230V / 28V, 120VA
Gear motor power	100 W
Number of motors	1
Number of control units	1
Number of hangers per leaf	1 with 6 rollers
Dual gear motor and control unit set for master and slave concept	-
Max power consumption	250 W
Backup battery for emergency opening	-
Max operation cycles with 2.2 Ah battery (Optional)	≈400
Max operation cycles with 7.2 Ah battery (Optional)	≈1000
Possibility to adjust force limitation according to DIN18650 and EN16005	✓

**Technical Detail CR240**

Possibility to use safety sensors with testing signal	✓
Emergency exit routes in both directions	-
Mechanical key switch (Optional)	✓
24V DC output for external accessories	✓
Power Lock	✓
Possibility of using electromechanical lock (Optional)	✓
Lock monitoring	✓
Possibility of using digital programme switch (Optional)	✓
Read-out error memory with error codes (with digital programme switch)	✓
Programmable output (Optional)	✓
Programmable input (Optional)	✓
Possibility of using more software and hardware options by using DEAP device (Optional)	✓

Designed • Developed • Made in Germany



CR240 | Curved Sliding Door



## CONTROL UNIT

Deuschtec has joined up with Leesy GmbH, a part of Siemens Enterprise Communication, to create a fully German high-tech novel control unit.



## GEAR MOTOR

CR240 is driven by a highly powerful reliable electromotor made by German manufacturer, Dunker motoren GmbH. Having met various international standards, our motors are made service-free, sturdy and long-lasting.



## POWER LOCK

When the door is locked, if there is pressure on it for becoming open, the motor will use its full power in the opposite direction and make it practically improbable to enter for unauthorized individuals.



# ACCESSORIES

## BATTERIES

We are offering you doors which will never fail. Deuschtec batteries provide the system with steady flow of energy. In the event of a power-cut, the 2.2 Ah battery will provide you with  $\approx 400$  cycles of open/close and the 7.2 Ah one will open and close your door up to  $\approx 1000$  times. No matter what, these doors with their marvelous operating systems will not let you down!



## DIGITAL PROGRAMME SWITCH

User-friendly has been given a whole new meaning with this digital programme switch's easy-to-read, full-text display. You will get easy access to all performance data and parameters and for any special need you might have, its adjustment and diagnostic processes can be accurately duplicated or customized. Protection password code is another significant feature of this digital programme switch. Such a terrific "optional" part cannot be ignored!



## MECHANICAL KEY SWITCH

Deuschtec presents its mechanical key switch with the five modes of full open, partial open, lock, automatic and one-way. Simple yet functional, this is another accessory which will definitely come in handy.



## ELECTROMECHANICAL LOCK

Deuschtec Electromechanical lock has been a dependable way to safeguard your security all the time. It utilizes steel pins to lock both leaves simultaneously and therefore, is much safer compared to those models which lock the timing belt or just one leaf. Furthermore, since it employs bi-stable mechanism, system's power reset does not affect the lock's state. Due to using powerful batteries and an intelligent circuit, battery usage is reduced to zero when the door is locked and there is a power-cut.





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