



record PROTECT IP65 is a sliding door system with IP65-encapsulated modules, in which the operator, lock, battery and expansion module are housed in sealed stainless steel enclosures made of 1.4404 (AISI 316L) stainless steel, which offer unique resistance to water, moisture and dust. Works reliably – always independent of environmental conditions such as near the sea, on ships, in swimming pools or near the tropics. The well-known record System 20 door system is extended to include the IP65 protection class variant in accordance with DIN EN 60529 (IEC60529/VDE 047).

Technical data

General technical specifications		Double leaf sliding door	Single leaf sliding door
Width of passage (A)	Standard	(800) 975 – 3 000 mm ¹⁾	(800) 1 000 – 2 500 mm ¹⁾
	RED	(800) 1 120 – 3 000 ¹⁾	(800) 1 145 – 2 500 mm ¹⁾
Support beam length (F)	Standard	2 050 ²⁾	2 050 ²⁾
	RED	2 340 ²⁾	2 340 ²⁾
Height of passage (G)		maximum 3 000 mm	maximum 3 000 mm
Total height (J)		G + 200 mm	G + 200 mm
Drive Dimensions			
Without side piece	(depth x height)	180 x 200 mm	180 x 200 mm
With side piece	(depth x height)	217 x 200 mm	217 x 200 mm
Max. door leaf weight			
record STA 20 – 200		2 x 110 kg	1 x 180 kg
record STA 20 – 200 RED / DUO ³⁾		2 x 140 kg	1 x 180 kg

¹⁾ Only with excess length of support beam length (F)

²⁾ Passage assembly + 30 mm

³⁾ Suitable for escape and rescue routes according to AutSchR

Electrical specifications

Drive	
Power supply voltage	100 – 240 VAC, 50 / 60 Hz
Rated power	90 W
Consumption in idle state	ca. 25 W

Operating conditions

General specifications	
Ambient temperature	- 15° to +40°C
Humidity range	up to 100% rel. humidity

What does „IP“ mean?

IP stands for Ingress Protection and defines the degree of protection against the ingress of foreign bodies, water and dust. record PROTECT IP65: The first number indicates protection against the ingress of foreign bodies (dust). Where «0» stands for «No protection» and «6» for «Dust-tight». The second number indicates protection against water. Where «0» stands for «no protection» and «8» for «protection against permanent immersion». The heart of the PROTECT IP65 is protected to prevent ingress of dust and water, resulting in reliable operation and long service life. IP65 – dust-tight and protected against water jets from any angle.

Certifications

Standard compliance
DIN 18650, EN 16005, EN ISO 13849

Tested protection according to IP65 standard

The complete electronics, drive, interlock and expansion modules are housed in specially encapsulated and sealed boxes and thus offer additional protection. This protection has been certified by an accredited Lab.

Components	Material
VRR housing (IP65)	
BAT housing (IP65)	
FEM 0 housing (IP65)	1.4404, V4A, AISI 316L
2nd ATE housing (IP65)	
STM 20 and ATE 20 housing (IP65)	
STM 20 RED/DUO and ATE 20 housing (IP65)	
Drive deflection roller	1.4404, V4A, AISI 316L
Carriage door suspension, (optional)	1.4404, V4A, AISI 316L
Carriage rollers	Renamid 1200.G (Polyamid 12)
Mounting materials A4 (screws, nuts, end stoppers)	1.4404, V4A, AISI 316L
VRR locking shaft A4	1.4404, V4A, AISI 316L
Module support profile P1303	Aluminium (raw)

Design variants and application areas – Automated with record System 20 standard components



Test report and product documentation



IP-Test report



Documents and CAD drawings are available on the website.
www.record.group/countries