



Sonesse® ULTRA 50 DC RS485 Square Head Motors

Part #1134022

TECHNICAL FEATURES

Voltage Supply	24V DC
Index Protection Rating	IP 20 (interior)
Limit Switch Type	Electronic
Limit Switch Capacity	38 Turns
Temperature Working Range	32°F to 140°F (0°C to 60°C) (interior use only)
Insulation Class	Class 3
Wiring	In accordance with NEC and local electrical codes.
Power Supply	Use only Somfy's power supplies to maintain UL listing requirements and guarantee motor's performance.

SPECIFICATIONS

Torque	4 Nm
Minimum Torque*	0.4 Nm
Nominal Voltage	24V DC
Rated Current	1.5A
Rated Power	36W
Speed range	Adjustable: 10-25 rpm
Thermal Protection	5 minutes
Sound Level***	≤ 38 dBA



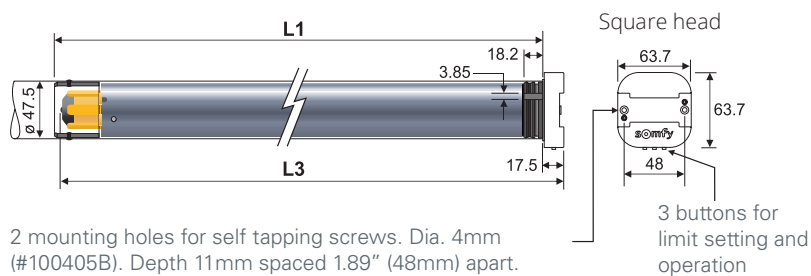
* Minimum Torque

Minimum application weight to ensure smooth operation.

*** Sound level

According to standards ISO 3741 NF 31022 in dBA ref 1pW at nominal torque without end product.

DIMENSIONS



L1	30.7 in. (780mm)
L3	31.5 in. (800mm)
Data & Power Cable length	10 in. (250mm)

2 mounting holes for self tapping screws. Dia. 4mm (#100405B). Depth 11mm spaced 1.89" (48mm) apart.
NOTE: Bracket mounting bosses must transfer torque via adaptor plate.

PIGTAIL POWER CABLE

(Included with every motor. Also available separately, power and data pigtail or 5 position motor connector (#1049440) only.

JST to Motor

G + NC V- V+

Weidmuller Connects to Network

V+ V- + - G

Cable Detail View

10 inches
1 in. max .75 in. max

Connector Markings Detail View

Font: Ariel
Height: 2.3 mm
Color: Black

GAUGE	LENGTH
14 AWG	240 ft.
16 AWG	150 ft.
18 AWG	100 ft.

Maximum Power Cable Length (to guarantee characteristics)