ametal

lift components

THE WORLD OF WORLD PRODUCTION

2025

THE WORLD OF PRODUCTION

Founded in 1988, when manufacturing technologies were just emerging in Turkey, Ametal began its journey with a clear purpose: to go beyond the standard.

Driven by a passion for production and guided by a research-minded, forward-thinking spirit, Ametal quickly became more than a manufacturer of lift push buttons and controllers-it became a brand that redefined adaptability and innovation.

Rather than following a fixed path, Ametal has always looked ahead, raising the bar in response to evolving technologies and diverse customer needs. Its ability to interpret global trends, generate tailored solutions, and translate them into real customer value has been the core of its success.

Today, Ametal continues to specialise in push button and load weighing systems, while delivering user-friendly, ready-to-install solutions through its Aries Complete Lift Systems.

At its core, Ametal is not just a producer—it is a partner that sees through the customer's eyes.

OUR CORPORATE VALUES

Professionalism
Ametal prioritises quality, precision, and timely delivery. Every project is approached with a strong customer focus and a commitment to solutions. Aries Complete Lift Systems embody this promise-combining safety, quality, functionality, and easy installation in every product.

Ethical Responsibility
Across every region we operate in, Ametal upholds respect for people, the environment, and the law. Our business practices are grounded in integrity and responsibility.

Sincerity
We take pride in delivering warm, attentive service. By truly listening to our customers, we design products that not only meet their needs but aim to exceed their expectations.

Leadership
Our team of dedicated experts shapes every process around customer needs, fostering a culture of continuous improvement and innovation.

Shared Success
"If the waters rise, all ships stay afloat."
At Ametal, we believe that the outcomes of our design and R&D efforts should contribute not only to our company but to the wider industry and country as a whole.

CONTENTS

Rising With
The World

AMETAL
FIXTURES

CORE
SERIES

CORE
COP 1120

A minimal touch. A maximum statement.

The CORE series elegantly blends modern design with functionality across cabin and landing panels. The harmony of satin stainless steel and black plexiglass creates a sophisticated appearance.

Featuring the new CORE buttons and a refined slim profile, the series delivers a sense of minimal and timeless elegance.

- Surface-mounted design with 21 mm depth.
- 2mm Stainless Steel and Plexiglass on the Front Face
- Durable Black Metal Body
- Surface-mounted for effortless installation.
- Serial Communication (ARCODE)
- CBR Button
- LED-Illuminated Customer Logo
- Red Dot Matrix and LCD Display (LMBUS 63, ALCD53)
- Available for 2 to 20 stops.

CORE COP 1120 Slim model is available in 140x1100 mm dimensions, suitable for 2 to 8 stops.

1100 mm

225 mm

CORE
13 AR 500 A

CORE
13 AR 600

85 x 270 mm

85 x 270 mm

· Surface mounted slim design with 13 mm depth.
· 1mm Stainless Steel and Plexiglass on the Front Face
· Durable Stainless Steel Body
· Serial Communication (ARCODE)
· Red Dot Matrix Display
· CB Button
· Customer Logo (Optional)

The CORE Signature on Every Surface, at Every Moment

Whether in a prestigious hotel or a contemporary office building, CORE enhances the character of any space with its surface-mounted, elegantly slim design. The first interaction with the lift comes to life through CORE's sophisticated style.

CORE
13 XSmall AB

CORE
13 Small

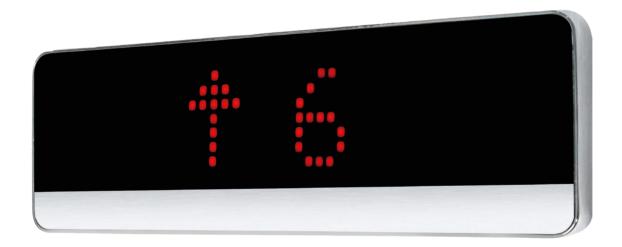80 x 170 mm

80 x 170 mm

CORE 13 Plus: The digital face of architectural elegance.

Completing the CORE series across floors, the CORE 13 Plus overhead display features a modern design with a digital interface.

With satin stainless steel and black plexiglass details, it seamlessly blends into the architectural lines while offering high visibility and enhancing lift communication.

CORE
13 Plus

85 x 270 mm

· Surface mounted slim design with 13 mm depth.
· 1mm Stainless Steel and Plexiglass on the Front Face
· Durable Stainless Steel Body
· Serial Communication (ARCODE)
· Red Dot Matrix Display
· Core Button
· Customer Logo (Optional)

CORE ONYX
COP 1120

The Timeless Elegance of Onyx, Through the Modern Lens of CORE.

Inspired by the natural elegance of onyx stone, the CORE ONYX series brings a bold presence with its fully black design. With satin black surfaces and refined lines, it offers timeless aesthetics, minimalism, and functional excellence for modern interiors.

Thanks to its surface-mounted design, CORE ONYX is easy to install and adapts effortlessly to any lift cabin, providing a flawless finish with minimal intervention.

• Surface-mounted design with 21 mm depth.
• Plexiglass on the Front Face
• Durable Black Metal Body
• Surface-mounted for effortless installation.
• Serial Communication (ARCODE)
• CBR Button
• LED-Illuminated Customer Logo
• Red Dot Matrix and LCD Display (LMBUS 63, ALCD53)
• Available for 2 to 20 stops.

CORE ONYX COP 1120 Slim model is available in 140x1100 mm dimensions, suitable for 2 to 8 stops.

1100 mm

225 mm

CORE
ONYX
13 AR 500 AB

CORE
ONYX
13 AR 600

85 x 270 mm

85 x 270 mm

· Plexglass on the Front Face
· Durable black metal body
· Serial communication (ARCODE)
· Surface mounted slim design with 13 mm depth
· Red Dotmatrix display
· CB button
· Customer Logo (Optional)

A Bold Statement on Every Floor.

CORE ONYX landing panels bring a sophisticated identity to every floor with their full-black design and refined details.
Featuring a surface-mounted structure, they offer easy installation and seamless integration with modern architecture.

CORE
ONYX
13 X Small AB

CORE
ONYX
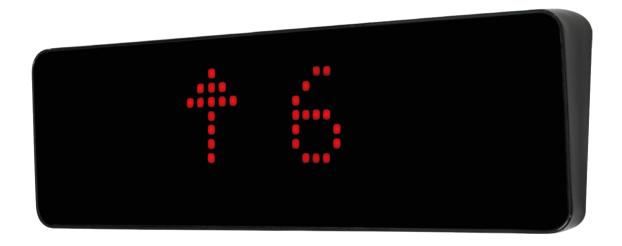13 Small

80 x 170 mm

80 x 170 mm

Signal. Style. Core Onyx.

The CORE ONYX 13 Plus Overhead Display completes lift communication with a digital screen and a sleek black finish.
Its compact design ensures high visibility and a striking presence in any space.

CORE ONYX
13 Plus

85 x 270 mm

· Surface mounted slim design with 13 mm depth.
· Plexglass on the Front Face
· Durable black metal body
· Serial communication (ARCODE)
· 10° angled sleek design
· Red Dotmatrix display
· Customer Logo (Optional)

COOL
SERIES

So Cool!

COOL
COP 2120

The Cool COP offers a sleek, minimalist design with durable materials and an intuitive button layout. Perfect for both residential and commercial spaces, it combines style with seamless functionality for an enhanced user experience.

- Surface-mounted design with 16 mm depth
- 2mm Stainless Steel Body
- Plexiglass on the Front Face
- Surface-mounted for effortless installation
- Serial Communication (ARCODE)
- CBR Button
- LED-Illuminated Customer Logo
- Red Dot Matrix Display (Lmbus 63)
- Available for 2 to 20 stops
- Available in Full-Height Design

2000 mm

COOL
COP 1120

Minimalist Design: A slim and elegant structure that seamlessly blends into any space.

- Surface-mounted design with 16 mm depth
- 2mm stainless steel body
- Plexiglass on the Front Face
- Surface-mounted for effortless installation
- Serial communication (ARCODE)
- CBR button
- LED illuminated custom logo
- Red Dotmatrix display (Lmbus 63)
- Available for 2 to 20 stops
- Available in Half-Height Design

1100 mm

225 mm

225 mm

COOL
Retro

· Surface-mounted design with 9 mm depth.
· Serial communication (ARCODE)
· Customer Logo (Optional)
· Dotmatrix Display (Cool)

80 x 260 mm

COOL
77 AR 500

COOL
77 AR 600

COOL
X Small A

COOL
Small

80 x 260 mm

80 x 260 mm
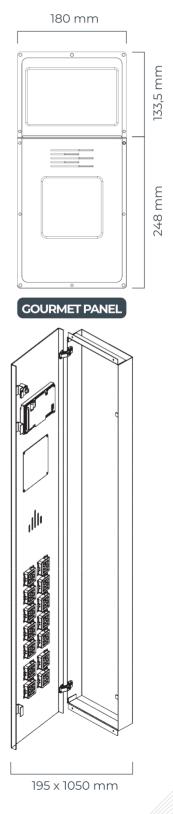
66 x 173 mm

66 x 173 mm

COP
SERIES

The Elegance of Simplicity: COP Series Cabin Panels

Designed for those who value a blend of simplicity and elegance in their cabins, the COP Series stands out with its refined design.

Button arrangements are available from 1 to 6 rows, and the special steel hinge and locking cover system provide ease of use and practicality.

COP 1120
GOURMET PANEL

COP 1120
PLEXIGLASS

180 mm

133,5 mm

248 mm

GOURMET PANEL

225 x 1100 mm

225 x 1100 mm

195 x 1050 mm

COP 2120

COP 2120
GOURMET PANEL

COP 2120
PLEXIGLASS

2000 mm

2000 mm

2000 mm

225 mm

225 mm

225 mm

COP
2130 MO

COP
2130 LSQ

LEO 500 A

250 mm

80 mm

Surface-mounted design
with 15 mm depth

COP 2130 MO-3

195mm x 1900mm

15mm

27mm

45mm

300mm

COP 2130 LSQ-2

270mm x 2000mm
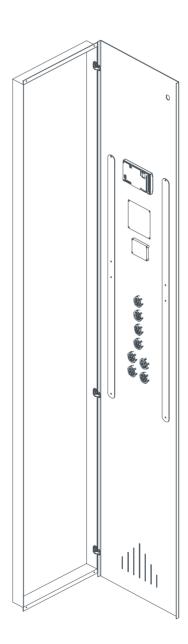
15mm 45mm

300mm

300 x 2100 mm

300 x 2000 mm

SBCOP
2120 BAL

Illuminate Lift Cabins with Sparkle and Style
SBCOP 2120

Featuring a modern design and illuminated interface, the SBCOP 2120 panel series brings a stylish and playful touch to lift cabins.

With both surface-mounted and flush-mounted options available, this series enhances cabin lighting while perfectly complementing any design.

410 x 2050 mm

SBCOP 2120 BAL-2

380mm x 2000mm

15mm 45mm

410mm x 2050mm

SMCOP
SERIES

EN 81-70

EN 81-20

SMCOP 2120 BA FO-2

Ametal's surface-mounted solutions offer dimensional flexibility and easy installation, ensuring seamless adaptation to project-specific needs.

With advanced manufacturing capabilities, Ametal delivers customised designs that combine aesthetic value with functional excellence.

SMCOP 1020 BA FO-2

SMCF 1230

2000 mm

1000 mm

1230 mm

225 mm

225 mm

225 mm

SMCF 2000

Smart Solutions for Every Budget

Ametal's economic surface-mounted range offers smart, budget-friendly solutions without compromising on quality or design.

Designed for flexibility and ease of installation, these products provide a practical choice for projects seeking both efficiency and long-term value.

2000 mm

225 mm

SMSC 909 ALCD

SMSC
500 A AK 33 CB

SMSC
500 A AK 32 P

IP
600 M 600

SPECIAL
FIREFIGHTER LANDING AND CAR FIXTURES

EN 81-71 CLASS 2

EN 81-72 CLASS 2

COP
2120 AV

SMCOP
1020 BA FO

The Vandal-Proof series by Ametal is tailored for projects where maximum durability is essential.

Precisely engineered by Ametal, the Vandal-Proof series reflects an optimised production process and certified durability standards. It offers a reliable solution for projects demanding both strength and longevity.

The IB Series buttons used in these cabin and landing panels are certified according to IP3X protection class and relevant EN standards, ensuring reliable performance even in the most challenging environments.

SMY
909 LM BUS 63 AV

230 x 112 mm

P90
500 AV LM40

P90
500 DM AV

225 x 2000 mm   225 x 1000 mm   100 x 280 mm   100 x 280 mm

Certified Firefighter Lift Fixtures for Firefighter Access

Designed for the safe and efficient use of lifts by firefighters, these fixtures fully comply with fire safety regulations.

Equipped with clear, compliant labelling, they support fast response during building emergencies, enhancing the effectiveness of rescue operations.
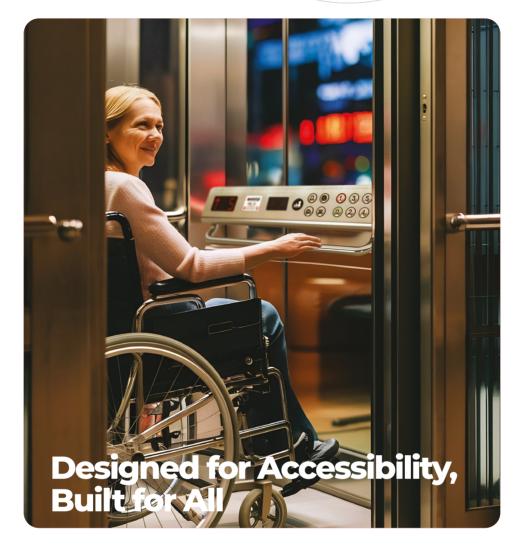
COP
2160 FF

SMP
500 FF

P90
500 FF

475 x 2000 mm   110 x 450 mm   110 x 450 mm

EN 81-70

EN 81-20

Designed for Accessibility, Built for All

Ametal's accessible cabin panels are specifically designed to facilitate use by passengers in wheelchairs, featuring a horizontal layout for maximum ease of reach. Available in multiple configurations, these panels are adaptable to diverse cabin designs.

All button types in this range are equipped with tactile and Braille covers, as well as audible feedback, fully compliant with the relevant EN81-70 standards for accessibility and safety.

PY 1000

ECO COP 800 C

ECO COP 800 L

Design That Stands Out at First Touch

It is the most visible element, drawing the passenger's attention at first glance. Lusso's glass panels feature sensitive touch systems with both square and round button options—combining elegance with functionality.

Discover the Lusso models we've designed for you. Choose the one that best suits your needs and elevate the overall value of your project.

GCOP 2320

The Magic of Glass!

Besides having all the necessary functions, Glass Series of Lusso Button has more to make cabin interiors elegant.

GLOP
500 QD BU

GLOP 600

GIN 909 LM63

300 x 2050 mm   90 x 280 mm   90 x 180 mm   300 x 105 mm

EN 81-70

EN 81-20

BS Series : Practical Design, Tailored to Your Needs

With flexible dimension options, these cabin panels can be tailored to fit a wide range of project requirements, providing a practical and efficient choice for standard lift applications.
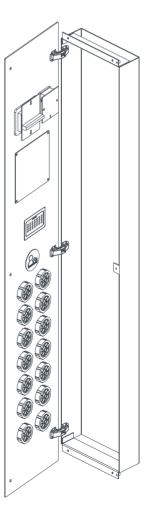
BS 2000

BS 200

APEC L 1000

190 x 2000 mm

190 x 1000 mm

180 x 1000 mm

Ametal's economic series extends to landing panels and indicators, offering reliable and adaptable solutions for cost-conscious projects.

Featuring classic designs with flexible sizing options, these products ensure smooth integration across various lift applications while maintaining practicality and durability.

SMY
909 DAR 45+LRE

230 x 112 mm

P150
700 AKLCD

P90
500 A QD BU

P95
909 LMBUS 63

160 x 330 mm

100 x 280 mm

300 x 105 mm

BUTTONS

IB -INOX

FEATURES

Standard	EN 81-20, EN 81-70, TS ISO 4190-5
IP Protection	IP 4X
Illumination	4 Led
Life Time	1.000.000 Durability And Up
Body	Metal (ST 40 and Nickeling)
Assembly	Screwless Fixation Via Metal Nuts
Operating Temperature	-25 °C, 65 °C
Voltage	24Vdc (20Vdc - 28Vdc) - Option: U=12Vdc (8Vdc - 16Vdc)
Consumption	10 mA
Swich	Mini Micro Swich, Nominal Voltage: 2A 30Vdc , Contact Resistance: 30M ohm
Led Options	🟥 Red 🟦 Blue 🟩 Green
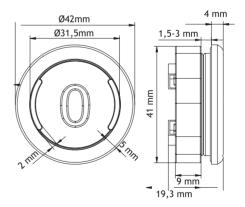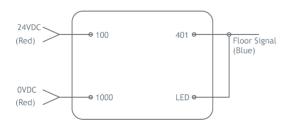
BUTTON COVERS

TBD

TECHNICAL DRAWING

Ø42mm
Ø31,5mm
4 mm
1,5-3 mm
41 mm
2 mm
5 mm
9 mm
19,3 mm

WIRING DIAGRAM

24VDC (Red) — 100   401 — Floor Signal (Blue)

0VDC (Red) — 1000   LED

At Ametal, we aim to enrich your lives. For us, wealth is design. Wealth is production - the reliable consistency of a product one expects a certain quality from.
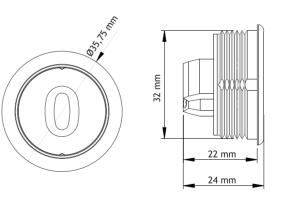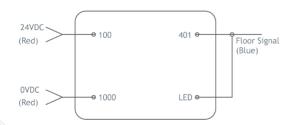
IB -INOX S

FEATURES

Standard	EN 81-20, EN 81-70, TS ISO 4190-5
IP Protection	IP X3
Illumination	2 Led
Life Time	1.000.000 Durability And Up
Body	INOX (AISI 316)
Assembly	Rear Mounting Via Metal Nuts
Operating Temperature	-25 °C, 65 °C
Voltage	24Vdc (20Vdc - 28Vdc) - Option: U=12Vdc (8Vdc - 16Vdc)
Consumption	10 mA
Swich	Mini Micro Swich, Nominal Voltage: 2A 30Vdc , Contact Resistance: 30M ohm
Led Options	🟥 Red 🟦 Blue 🟩 Green

BUTTON COVERS

TD

TECHNICAL DRAWING

Ø35,75 mm

32 mm

22 mm

24 mm

WIRING DIAGRAM

24VDC (Red) — 100 — 401 — Floor Signal (Blue)

0VDC (Red) — 1000 — LED

IB-INOX M

FEATURES

Standard	EN 81-20, EN 81-70, TS ISO 4190-5
IP Protection	IP X3
Illumination	2 Led
Life Time	1.000.000 Durability And Up
Body	INOX
Assembly	Rear Mounting Via Metal Nuts
Operating Temperature	-25 °C, 65 °C
Voltage	24Vdc (20Vdc - 28Vdc) - Option: U=12Vdc (8Vdc - 16Vdc)
Consumption	10 mA
Swich	Mini Micro Swich, Nominal Voltage: 2A 30Vdc , Contact Resistance: 30M ohm
Led Options	■ Red ■ Blue ■ Green

BUTTON COVERS

TD

TBD

TECHNICAL DRAWING

Ø42 mm

37,2 mm

22 mm

24 mm

WIRING DIAGRAM

24VDC (Red) — 100

0VDC (Red) — 1000

401 — Floor Signal (Blue)

LED

CBR 1

FEATURES

Standard	EN 81-20, EN 81-70, TS ISO 4190-5
IP Protection	IP 40
Illumination	4 Led
Life Time	1.000.000 Durability And Up
Body	Polycarbon
Assembly	Rear Mounting Via Metal Nuts
Operating Temperature	-25 °C, 65 °C
Voltage	24Vdc (20Vdc - 28Vdc) - Option: U=12Vdc (8Vdc - 16Vdc)
Consumption	10 mA
Swich	Mini Micro Swich, Nominal Voltage: 2A 30Vdc , Contact Resistance: 30M ohm
Led Options	🟥 Red

BUTTON COVERS

CB-L

TECHNICAL DRAWING

41,55
38,70
32,50
10,50
1,97

WIRING DIAGRAM

24VDC (Red) — 100
0VDC (Red) — 1000
401
LED
Floor Signal (Blue)

FMR 3

FEATURES

Standard	EN 81-20, EN 81-70, TS ISO 4190-5
IP Protection	IP 40
Illumination	8 Led
Life Time	1.000.000 Durability And Up
Body	Polycarbon
Assembly	Rear Mounting Via Metal Nuts
Operating Temperature	-25 °C, 65 °C
Voltage	24Vdc (20Vdc - 28Vdc) - Option: U=12Vdc (8Vdc - 16Vdc)
Consumption	10 mA
Swich	Mini Micro Swich, Nominal Voltage: 2A 30Vdc , Contact Resistance: 30M ohm
Led Options	🟥 Red 🟦 Blue 🟩 Green

BUTTON COVERS

TB	TBD	T	TD

TECHNICAL DRAWING

Ø42mm
Ø37mm
Ø31mm
42mm
11mm
15,7mm

WIRING DIAGRAM

24VDC (Red) — 100
0VDC (Red) — 1000
401 — Floor Signal (Blue)
LED
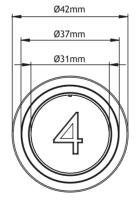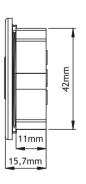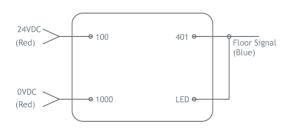
FMQ 3

FEATURES

Standard	EN 81-20, EN 81-70, TS ISO 4190-5
IP Protection	IP 40
Illumination	4 Led
Life Time	1.000.000 Durability And Up
Body	Polycarbon
Assembly	Screwless Fixation Via PC Nuts
Operating Temperature	-25 °C, 65 °C
Voltage	24Vdc (20Vdc - 28Vdc) - Option: U=12Vdc (8Vdc - 16Vdc)
Consumption	10 mA
Swich	Mini Micro Swich, Nominal Voltage: 2A 30Vdc , Contact Resistance: 30M ohm
Led Options	🟥 Red 🟦 Blue 🟩 Green

BUTTON COVERS

TB TBD T TD

TECHNICAL DRAWING

42,14mm
38mm
32mm
42,05mm
39,2mm
48,4mm
11,7mm
17,9mm

WIRING DIAGRAM

24VDC (Red) — 100
0VDC (Red) — 1000
401 — Floor Signal (Blue)
LED

B - 42 R

FEATURES

Standard	EN 81-20, EN 81-70, TS ISO 4190-5
IP Protection	IP 40
Illumination	3 Led
Life Time	1.000.000 Durability And Up
Body	Polycarbon
Assembly	Screwless Fixation Via Plastic Clamps
Operating Temperature	-25 °C, 65 °C
Voltage	24Vdc (20Vdc - 28Vdc) - Option: U=12Vdc (8Vdc - 16Vdc)
Consumption	10 mA
Swich	Mini Micro Swich, Nominal Voltage: 2A 30Vdc , Contact Resistance: 30M ohm
Led Options	🟥 Red 🟦 Blue 🟩 Green

BUTTON COVERS

B-42 R

TECHNICAL DRAWING

Ø41,89mm
Ø35,61mm
41,7mm
Ø3,3mm
11mm
19mm

WIRING DIAGRAM

24VDC (Red) — 100
401 — Floor Signal (Blue)
0VDC (Red) — 1000
LED

B - 42 Q

FEATURES

Standard	EN 81-20, EN 81-70, TS ISO 4190-5
IP Protection	IP 40
Illumination	3 Led
Life Time	1.000.000 Durability And Up
Body	Polycarbon
Assembly	Screwless Fixation Via Plastic Clamps
Operating Temperature	-25 °C, 65 °C
Voltage	24Vdc (20Vdc - 28Vdc) - Option: U=12Vdc (8Vdc - 16Vdc)
Consumption	10 mA
Swich	Mini Micro Swich, Nominal Voltage: 2A 30Vdc , Contact Resistance: 30M ohm
Led Options	🟥 Red 🟦 Blue 🟩 Green

BUTTON COVERS

B-42 Q

TECHNICAL DRAWING

45,3mm
42mm
35mm
3,34 mm
41,7mm
5mm
17,3mm

WIRING DIAGRAM

24VDC (Red) — 100
401 — Floor Signal (Blue)
0VDC (Red) — 1000
LED

HMG 4.3

FEATURES

Standard	EN 81-20, EN 81-70, TS ISO 4190-5
IP Protection	IP 40
Illumination	4 Led
Life Time	1.000.000 Durability And Up
Body	Polycarbon
Assembly	Backside Mounting With 4 Pieces M3x16 Riverts
Operating Temperature	-25 °C, 65 °C
Voltage	24Vdc (20Vdc - 28Vdc) - Option: U=12Vdc (8Vdc - 16Vdc)
Consumption	10 mA
Swich	Mini Micro Swich, Nominal Voltage: 2A 30Vdc , Contact Resistance: 30M ohm
Led Options	🟥 Red 🟦 Blue 🟩 Green

BUTTON COVERS

TB   T

TECHNICAL DRAWING

41,8 mm
Ø36,6 mm
Ø29,4 mm
32,22 mm
41,8 mm
11,5 mm
14,75 mm

WIRING DIAGRAM

24VDC (Red) — 100
0VDC (Red) — 1000
401 — Floor Signal (Blue)
LED

NSK 3

FEATURES

Standard	EN 81-20, EN 81-70, TS ISO 4190-5
IP Protection	IP 40
Illumination	4 Led
Life Time	1.000.000 Durability And Up
Body	Polycarbon
Assembly	Backside Mounting With 4 Pieces M3 x 16 Riverts
Operating Temperature	-25 °C, 65 °C
Voltage	24Vdc (20Vdc - 28Vdc) - Option: U=12Vdc (8Vdc - 16Vdc)
Consumption	10 mA
Swich	Mini Micro Swich, Nominal Voltage: 2A 30Vdc , Contact Resistance: 30M ohm
Led Options	■ Red ■ Blue ■ Green

BUTTON COVERS

TB   T

TECHNICAL DRAWING

55 mm
38,2 mm
32,7 mm
38,2 mm
42 mm
11,5 mm
13,45 mm

WIRING DIAGRAM

24VDC (Red) — 100
0VDC (Red) — 1000
401 — Floor Signal (Blue)
LED

HMG 50

FEATURES

Standard	EN 81-20, EN 81-70, TS ISO 4190-5
IP Protection	IP 40
Illumination	8 Led
Life Time	1.000.000 Durability And Up
Body	Polycarbon
Assembly	Backside Mounting With 4 Pieces M3x16 Riverts
Operating Temperature	-25 °C, 65 °C
Voltage	24Vdc (20Vdc - 28Vdc) - Option: U=12Vdc (8Vdc - 16Vdc)
Consumption	35 mA
Swich	Soft Tact Switch, SPST-NO, Nominal Voltage: 50mA 12 Vdc
Led Options	🟥 Red 🟦 Blue 🟩 Green

BUTTON COVERS

GHTS   TS   GHT   ATB

TECHNICAL DRAWING

61,2 mm
Ø56,5 mm
Ø50 mm
Ø56,5 mm
61,2 mm
51,5 mm
2,6 mm

WIRING DIAGRAM

24VDC (Red) — 100
401 — Floor Signal (Blue)
0VDC (Red) — 1000
LED

NSK 60

FEATURES

Standard	EN 81-20, EN 81-70, TS ISO 4190-5
IP Protection	IP 40
Illumination	8 Led
Life Time	1.000.000 Durability And Up
Body	Polycarbon
Assembly	Backside Mounting With 4 Pieces M3x16 Riverts
Operating Temperature	-25 °C, 65 °C
Voltage	24Vdc (20Vdc - 28Vdc) - Option: U=12Vdc (8Vdc - 16Vdc)
Consumption	35 mA
Swich	Soft Tact Switch, SPST-NO, Nominal Voltage: 50mA 12 Vdc
Led Options	🟥 Red 🟦 Blue 🟩 Green

BUTTON COVERS

GMTS	GHT	TMS	TM

TECHNICAL DRAWING

74 mm
57 mm
40 mm
2,6 mm

WIRING DIAGRAM

24VDC (Red) — 100
0VDC (Red) — 1000
401 — Floor Signal (Blue)
LED

ELECTRONIC
GROUP OF PRODUCTS

MENOS 3

VOICE ANNOUNCEMENT SYSTEM

Menos is an electronic card developed by Ametal's R&D team to announce lift floor information. It supports multiple language options and includes music broadcast as a standard feature. Settings can be adjusted directly on the card with ease. To save energy, Menos switches to sleep mode when the lift is idle at the parking floor.

TECHNICAL INFORMATION

Compatible with **ARCODE** and **ARCODE MOT** system.

• Broadcasts music in MP3 format
• Supports up to 64 stops
• Provides two selectable announcements: "Out of Service" and "Overload"
• Overload announcement repeats every 30 seconds
• Out of Service announcement repeats every 3 minutes
• Operating voltage: 16–30 VDC

Supported Languages:

ATFT

Visual Excellence Inside Every Lift

FEATURES

Available in **7-inch**, **10-inch**, **and 15.6-inch** screen sizes

Supports video playback up to 1080p @ 30 fps

Lift information can be announced via voice; custom audio files can be uploaded via USB flash drive or SD card

Suitable for full-screen video playback

Supports CANbus protocol

Compatible with Gray-Code and Binary-Code systems

Offers four different screen layout options

Easy configuration through a user-friendly menu

Music, video, and screen visuals can be updated by the user via USB or SD card

Operates in both horizontal and vertical orientations

Menu language options: Turkish and English

ALCD 53 CB

· Dimensions of Cards : 176x130 mm
· Display area : 97,3 x 157,5 mm
· Canbus
· Digit Height: 52,20 mm
· Direction Arrow - Fire - Out of Service
· Overload and Buzzer

AKLCD 33 CB

· Dimensions of Cards: 68 x 82 mm
· Display area : 50 x 61,5 mm
· Digit Height: 33,2 mm
· Out of Service
· Direction Arrow
· Canbus

ALCD 80 P

· Dimensions of Cards : 176x130 mm
· Display Area : 97,3 x 157,5 mm
· Gray code, binary code, M1 counter
· Digit Height: 80,mm
· Direction Arrow, Fire, Out of Service
· Overload, Buzzer

AKLCD 32 P

· Dimensions of Cards: 68 x 82 mm
· Display Area : 50 x 61,5 mm
· Digit Height: 33,2 mm
· Fire, Out of Service
· Direction Arrow
· Gray code, binary code, M1 counter

ALCD E

· Dimensions of Cards: 136,5x78 mm
· Display Area : 106x55 mm
· Gray code, binary code, M1 counter
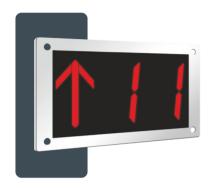· Digit Height: 50 mm
· Direction Arrow
· Out of Service, Overload
· Enouncing (Optional)
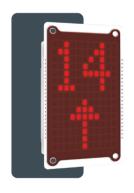
QD BU

· Dimensions of Cards: 66,3 x 116,7mm
· Display Area: 53,6 x 87,1 mm
· 7 segment
· Digit Height: 30mm
· Direction Arrow

DAR 45

· Dimensions of Cards: 136 x 98 mm
· Display area: 106 x 56 mm
· 45 mm Single Digit
· 7 Segment

DAR 38

· Dimensions of Cards : 61.5 x 81.5 mm
· Display area : 51.2 x 44.2 mm
· 30 mm single/double digit, - signals
· 7 Segment

LMBUS 40 (LM40)

· Dimensions of Cards :63,3 x 118,6 mm
· Display area: 54 x 92 mm
· Gray Code binary Code, canbus
· Rolling Letters

LMBUS 63 (LM63)

· Dimensions of Cards : 136 x 98 mm
· Display area : 96 x 64 mm
· Gray code, binary code, canbus, M1 Counter
· Direction Arrow , Fire, Out of Service, Overload

LWS 3FR
Electronic Load Weighing System

Developed by Ametal's R&D Department, LWS 3FR is the company's first load weighing system. The electronic unit operates with load cells positioned at the base of the lift car and provides accurate measurement without requiring actual load inside the cabin.

Operating Voltage	: 220VAC 50Hz
Number of Output	: 3

Overload: 804 - Full Load: 805 - Minimum Load: 802

Contact Type	: 10A 120VAC / 7A 240VAC
Capacity	: 2000 Kg with stabilizing wedges 8000 Kg

Except the weight of cabin and the cabin frame

Weight	: 0,6 Kg/Sensor
Total Weight	: 4.075 gr

4 Load cells - Power unit - other parts

Number of Loadcells	: 4
Rope Diameter	: 4,5 - 6 m
Cable Length	: 4,5
Temperature	: -5°C - 70°C

The LWS 3FR features a minimally designed plastic power unit box with a screwless structure, allowing for easy installation via plug-in output cables. Its surface includes raised characters for clear identification.

CABIN + CAPACITY (Kg)	2000	2500	3000	3500	4000	4500	5000	5500
LWS NUMBER OF WEDGES	4	6	6	8	8	10	10	12
ACTIVE	4 Active	4 Active 2 Passive	4 Active 2 Passive	4 Active 4 Passive	4 Active 4 Passive	4 Active 6 Passive	4 Active 6 Passive	4 Active 6 Passive

The above listing is based on the maximum load inside the cabin.
The total load (P+Q) of 8000 kg can be used with a tolerance of ±10%.
The 4 load cells in the LWS 3FR system can measure up to 2,000 kg in total. For higher capacities, additional wedges must be used as specified in the table above. These wedges are used to balance the load distribution on the system's load cells.

NOTE: For cabins with a capacity of 320 kg or below, 2 active and 2 inactive wedges may be used.

LWS 3FR 211

Electronic Load Weighing System

LWS 3FR 211 is a rope-mounted load weighing system that utilises four load cells to measure the cabin load. It performs weight monitoring through three core functions: overload, full load, and minimum load. Its high sensitivity-under 5%-enables accurate and consistent results across all lift operations.

Operating Voltage   : 220VAC 50Hz

Number of Output   : 3
Overload: 804 - Full Load: 805 - Minimum Load: 802

Contact Type   : 10A 120VAC / 7A 240VAC

Capacity   : 4000 Kg 1/1 System- 8000 Kg 2/1 System
Except the weight of cabin and the cabin frame

Weight   : 0,35 Kg/Sensor

Total Weight   : 1.620 gr
4 Load cells - Power unit - other parts

Number of Loadcells   : 4

Rope Diameter   : (6,5/8mm)-(9/10mm)-(11/12mm)

Cable Length   : 4,5

Temperature   : -5°C - 70°C

Cable Diameter Range   : 6,5-8 Model 1 / 9-10 Model 2 / 11-12 Model 3

LWS 3FR 311

Electronic Load Weighing System

Operating Voltage   : 220VAC 50Hz

Number of Output   : 3
Overload: 804 - Full Load: 805 - Minimum Load: 802

Kontak Değerleri   : 10A 120VAC / 7A 240VAC

Capacity   : 4000 Kg 1/1 System- 8000 Kg 2/1 System
Except the weight of cabin and the cabin frame

Weight   : 0,4 Kg/Sensor

Total Weight   : 2.220 gr
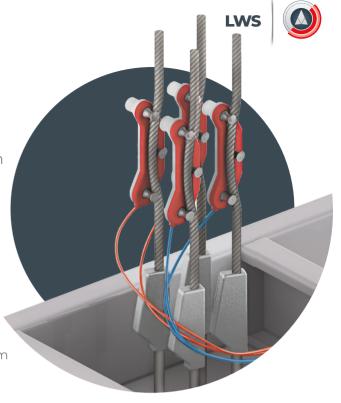*4 Load cells - Power unit - other parts*

Number of Loadcells   : 4
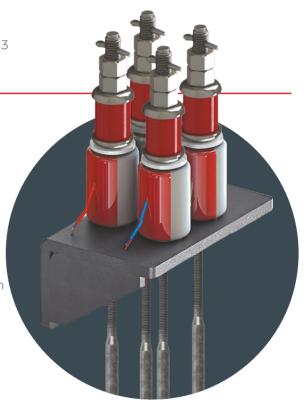
Rope Diameter   : 12 mm / 14 mm / 16 mm

Cable Length   : 4,5

Temperature   : -5°C - 70°C

Cable Diameter Range   : 6,5 - 12 mm

Patented and distinctive, the LWS 3FR 311 electronic load weighing system provides accurate load measurement via rope attachment points.

Your Ideal Lift Controller, Engineered by Experts

Since its establishment, Ametal has been producing high-quality lift controllers, recognising their vital role in complete lift systems. The internal wiring layout of each controller is customised to suit the specific lift configuration, offering long-term serviceability and ease of maintenance for technicians.

Ametal uses plug-in type prewiring for shafts, significantly simplifying installation. From operation panels to door contacts and optional shaft lighting, all components are delivered with plug-in connectivity, enabling faster and more organised installation.
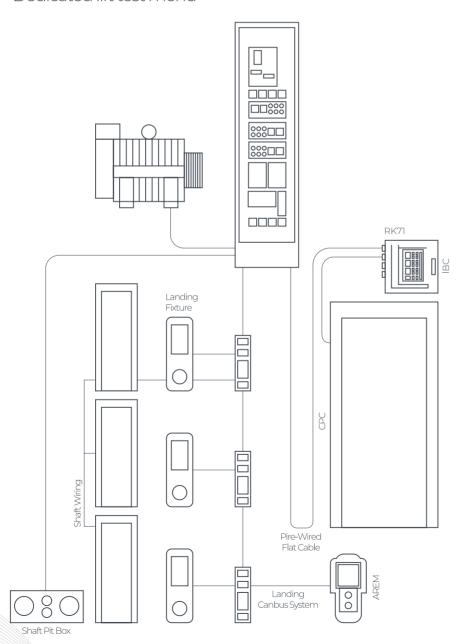
- **The systems we prefer for our controllers are;**
  Arkel / ARL-300
  Arkel / ARL-700
  Arcode

- **Panel & Cabin Types**
  MRL, MR, SLIM (Double Panel)

- **Plug-in type prewiring for shaft**
  Ametal makes the wiring of shaft and controller very simple for installer using the plug-in type prewiring for shaft. From operation panels to door contact and optional shaft illumination, all the components are produced with plug-in type wiring.

- For **ARIES 350**, **400** and **450** MRL systems, controllers are available in 2-metre cabinets with satin stainless steel or metallic grey finishes.

- The pit hand terminal is integrated into the plug-in prewiring system and is supplied with the revision box, allowing flexible movement during lift operation and maintenance.

- Hand terminal is delivered with revision box and it provides movement flexibility while running or maintaining the lift.

+ Advanced Functionalities

- Easy connection to ARCODE and software updates via AREM handset
  Colour TFT display with user-friendly, multilingual interface
- Door pre-opening and fast start (with optional module)
- Short floor travel without the need for additional hardware or settings
- Built-in EMI filter and DC shock protection
- Direct landing functionality
- Digital shaft learning capability
- High stopping precision
- 48–230 VAC safety circuit voltage
- Energy-saving operating mode
- Programmable inputs and outputs
- Dedicated lift test menu

nanolift®+

Nanolift Plus is a 1:8 scale operational model of a machine-room-less (MRL) lift.

290 x 255 x 740 mm
15 Kg

NANOLIFT | TECHNICAL OVERVIEW

Lift Standard	EN 81-20
Drive Type	MRL + 1:2
Speed	0,05 m/s
Number of Stops	2
Entrance Type	1
Landing and Car Doors	Centre Opening

WE MINIATURISED THE LIFT AND PUT IT IN A BAG!

• Crafted from high-quality stainless steel, the Nanolift Plus model is custom-produced with your company's logo. It includes components made with 3D printing technology, replicating real-life lift parts in detail.

• When in operation, the Nanolift Plus simulates lift movement—the cabin moves smoothly, and the overdoor floor indicators illuminate according to the direction of travel.

• This plug-and-play system is ready for use with electrical input of 110 VAC / 230 VAC, 50–60 Hz.

OPTIONAL ACCESSORY
A custom trolley case is available for Nanolift Plus, providing carrying comfort and protection against scratches and impacts-ideal for presentations and transport.

MINILIFT
Real Lift Experience, Scaled Down

600 x 2600 mm

Ametal, a specialist in Aries Complete Lift Systems, brings its technology to showrooms, offices, and educational spaces with the MINILIFT® – a functional model lift.

- Designed and developed entirely by Ametal, MINILIFT® is a 1:4 scale 3D model faithfully replicating the original lift system.

- Made of stainless steel with CNC-machined and hand-finished components, it offers high design quality and realistic movement—ideal for training and demonstration.

Lift System that was modelled :   **ARIES 450 MRL®**

Applied Standard & Directive	: EN 81-1/A3 & 95/16 EC
Car Speed	: 0,63/2,5 m/s
Capacity	: 225 - 2000 Kg
Roping	: 2:1
Pit (min)	: 900 mm
Headroom	: 3200 mm
Motor	: Gearless
Car Frame	: U Type

ametal
lift components

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