

Selection diagram



Code structure

Attention! The feasibility of a code number does not mean the effective availability of a product. Please contact our sales office.

E2 1RJ459AAK

Fixing ring and shaped ring		Rear connection	
1	plastic ring (standard)	AK	integrated RJ45 socket
2	plastic fixing ring and shaped ring	N1	output with PVC cable (length 1 m) and RJ45 plug
3	metal ring	N1.5	output with PVC cable (length 1.5 m) and RJ45 plug
4	metal fixing ring and shaped ring	N2.5	output with PVC cable (length 2.5 m) and RJ45 plug

Bezel colour		Front connection	
1	black (standard)	A	integrated RJ45 socket
9	satin chrome (standard)		
4	gloss black chrome (upon request)		



Main features

- RJ45 connectors
- Protection degree IP67
- Version with socket/socket
- Version with socket/cable/plug

Technical data

General data

Connections:	RJ45
Data transmission speed:	1 Gb/s
Protection degree:	IP67 acc. to IEC 60529 (with closed cap)
Ambient temperature:	-25°C ... +70°C
Tightening torque of the ring:	2 ... 2.5 Nm
Utilization requirements:	see page 124

In conformity with standards:

IEC 60947-1, IEC 60947-5-1, IEC 60204-1, EN 60947-1, EN 60947-5-1, EN 60204-1, UL 508, CSA 22-2 no.14

In conformity with the requirements of:

Low Voltage Directive 2006/95/EC
Machinery Directive 2006/42/EC
EMC Directive 2004/108/EC.

Markings and quality marks:



EAC approval: RU C-IT DM94.B.01024

General data

RJ45



The network socket uses RJ45 connectors, for Ethernet networks. Its particular structure makes it possible to bring the Ethernet connection outside the electrical panel, without necessarily needing it to be opened.

Metal fixing ring



The fixing ring in metal is particularly suitable for those applications which require tighter fitting of the panel-mounted device, such as for example in metal panels having holes without reference notches.

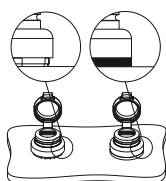
Protection degree IP67

IP67

These devices are designed to be used in the toughest environmental conditions and they pass the IP67 immersion test acc. to

IEC 60529. They can therefore be used in all environments where the maximum protection of the housing is required.

Shaped ring



The shaped ring can be used when no label holders or other devices are applied; it prevents dirt and other residues from settling between the button and the panel or box.

This turns out to be particularly useful in the sectors where high standards of cleanness and hygiene are required.

Integrated protection cap

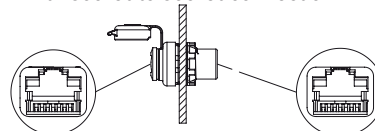
The protection cap integrated in the device ensures maximum strength, preventing any water or dirt from penetrating inside.

The cap remains joined to the device even when it is not fastened, so that it cannot be lost; besides, its shape allows the mounting of plate holders.

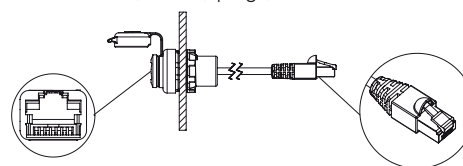
Versions with socket and with cable

To make device installation versatile and suitable for any situation, two versions are offered:

- with socket-to-socket connection



- with socket / cable / plug (available in different lengths)



Dimensions

All measures in the drawings are in mm

