

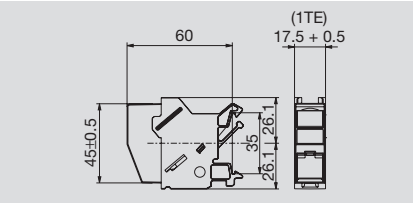
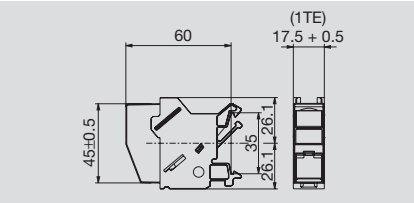
Terminal rail outlet

IE-XM-RJ45/IDC

IE-XM-ST/ST

Copper

FO



Technical specification

Configuration	Terminal rail outlet with RJ45/IDC insert module for TS35 terminal rail Integral equipotential bonding spring (removable) 1 TE wide (DIN 43880) Window for labelling	Terminal rail outlet with FO coupling insert module for TS35 terminal rail 1 TE wide (DIN 43880) Window for labelling
Insert	RJ45/IDC 1 end IDC 1 end RJ45 diecast zinc housing	FO cable coupling ST connection both ends
Connection for core	Conductor 0.4-0.65 mm AWG 26-22, insulation 0.7-1.4 mm AWG 26/7 with 7-core plain-cut CU strands	glass fibre
Wiring	Colour-coded pin assignment to EIA/TIA T568 A	
Shielding	360° shield contact	
Ingress Protection Class	IP 20	IP 20
Colour	light grey (RAL 7035)	light grey (RAL 7035)
DIN Rail compatibility	TS 35	TS 35
Transfer impedance / Shielding attenuation	to ISO / IEC 11801: 9/2002 and EN 50173-1:2002, class E	to ISO / IEC 11801: 9/2002 and EN 50173-1:2002, class E
Interference immunity	EN 50082-2	EN 50082-2
Radiated interference	EN 50081-2	EN 50081-2
Housing material	PA 66; UL 94: V-0	PA 66; UL 94: V-0
Insertion force	< 20 N	< 20 N
Service life	750 plugging cycles with RJ plugs to IEC 60603-7	
Note		

Ordering data

Type	Packing unit	Order No.	Type	Packing unit	Order No.
IE-XM-RJ45/IDC	1	8808360000	IE-XM-ST/ST	1	8808340000
Note					

Accessories

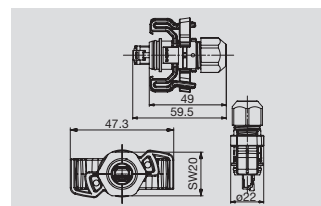
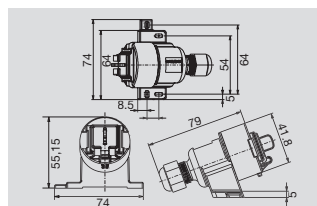
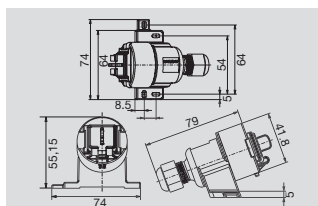
Note	Sheet of labels for window IE-DM 8813500000	Sheet of labels for window IE-DM 8813500000
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Junction box, cable coupler, plug

IE-S-IP67

IE-C-IP67

IE-P-IP67



Technical specification

Configuration	Screw-on junction box incl. RJ45 module with IDC	Coupling incl. RJ 45 module with IDC	Plug housing incl. RJ45 plug and lock, 8-pole, locking clip, pin arrangement to IEC 61076-3-106 (var. 6) RJ45 plug IE-P
Insert	IDC/RJ45 1 end IDC 1 end RJ45 diecast zinc enclosure	IDC/RJ45 1 end IDC 1 end RJ45 diecast zinc enclosure	Conductor 0.36-0.61 mm AWG 27-24, insulation 0.85-1.02 mm
Connection for core	Conductor 0.4-0.65 mm AWG 26-22, insulation 0.7-1.4 mm AWG 26/7 with 7-core plain-cut CU strands Colour-coded pin assignment to EIA/TIA T568 A.	Conductor 0.4-0.65 mm AWG 26-22, insulation 0.7-1.4 mm AWG 26/7 with 7-core plain-cut CU strands Colour-coded pin assignment to EIA/TIA T568 A.	Conductor 0.36-0.61 mm AWG 27-24, insulation 0.85-1.02 mm Colour-coded pin assignment to EIA/TIA T568 A.
Shielding	360° shield contact	360° shield contact	360° shield contact
Ingress Protection Class	IP 67	IP 67	IP 67
Colour	light grey (RAL 7035)	light grey (RAL 7035)	light grey (RAL 7035)
DIN Rail compatibility	EN 50082-2	EN 50082-2	EN 50082-2
Interference immunity	EN 50081-2	EN 50081-2	EN 50081-2
Radiated interference	PA 66; UL 94: V-0	PA 66; UL 94: V-0	PA 66; UL 94: V-0
Housing material	< 20 N	< 20 N	< 20 N
Insertion force	750 plugging cycles with RJ plugs to IEC 60603-7	750 plugging cycles with RJ plugs to IEC 60603-7	750 plugging cycles with RJ plugs to IEC 60603-7
Service life			

Ordering data

Type	Packing unit	Order No.	Type	Packing unit	Order No.	Type	Packing unit	Order No.
IE-S-IP67	1	8808370000	IE-C-IP67	1	8813090000	IE-P-IP67	1	8808380000

Note

Accessories

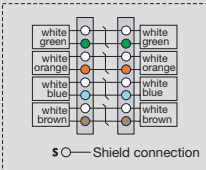
Note

Pressing tool TT 8 G
9202800000, see Tools chapter

Connection modules

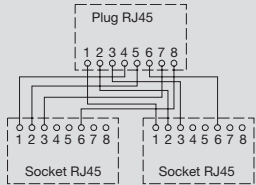
IE-CCM

Connection module Cat.7



IE-CSM 1 Set

Cable splitter module Cat.5e



Technical data

- Functionality
- Types of cable
- Connection for core
- Transmission parameters
- Housing
- Shielding
- Installation
- Colour
- Ingress Protection Class

Module for extending or repairing Ethernet cables;
cable can be fed from one or both ends.

Cat.5, Cat.6, Cat.7 installation cable

AWG 24 to AWG 22/1

IDC

LSA Plus®

Cat.7, class F

Fully shielded metal housing

Captive 360° shield connection,
plus separate strain relief

Wall or floor mounting

grey

IP 20

Adapter for using an 8-core
installation cable for two 4-core services

Cat.5 patch cable
or connecting cable with RJ45 plug

Cat.5e, class D

ABS, shockproof, metal-coated aluminium, slim design

can be plugged in adjacent to each other in patch panel

light grey (RAL 7035)

IP 20

Length x width x height mm 112 x 37 x 20

Note

Ordering data

Type	Qty.	Order No.
IE-CCM	1	8808410000

Note

Type	Qty.	Order No.
IE-CSM 1 Set	1	8808400000

Delivery paired in a set

Accessories

Note

Indentation tool PDT
9013970000

Built-in flange

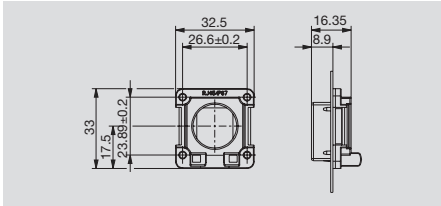
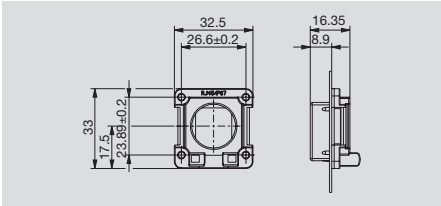
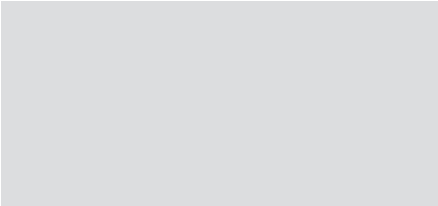
- IP67

IE-XM-RJ45/IDC-IP67

RJ45/IDC built-in flange Cat.6

IE-XM-RJ45/RJ45-IP67

RJ45/RJ45 built-in flange Cat.5e



Technical specification

Configuration	Built-in flange with mounting frame and RJ45 module with IDC system Captive cover	Built-in flange with mounting frame and RJ45 socket-socket module Captive cover
Insert	IDC/RJ45 1 end IDC 1 end RJ45 diecast zinc housing	RJ45 coupling RJ45 both ends diecast zinc housing
Connection for core	Conductor 0.4-0.65 mm AWG 26-22, insulation 0.7-1.4 mm AWG 26/7 with 7-core plain-cut CU strands Colour-coded pin assignment to EIA/TIA T568 A.	
Wiring	360° shield contact	360° shield contact
Shielding	IP 67	IP 67
Ingress Protection Class	light grey (RAL 7035)	light grey (RAL 7035)
Colour	EN 50082-2	EN 50082-2
DIN Rail compatibility	EN 50081-2	EN 50081-2
Interference immunity	PA 66; UL 94: V-0	PA 66; UL 94: V-0
Radiated interference	< 20 N	< 20 N
Housing material	750 plugging cycles with RJ plugs to IEC 60603-7	750 plugging cycles with RJ plugs to IEC 60603-7
Insertion force		
Service life		
Note		

Ordering data

Type	Packing unit	Order No.	Type	Packing unit	Order No.
IE-XM-RJ45/IDC-IP67	1	8808440000	IE-XM-RJ45/RJ45-IP67	1	8808450000
Note					

Accessories

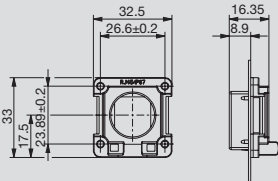
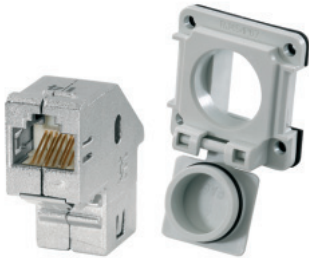
Note		
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Built-in flange, 90°

- IP67
- Cat.6
- RJ45/RJ45

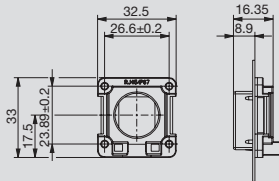
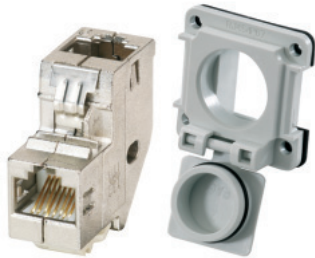
IE-XM-6D-RJ45/RJ45-IP67

Coupling at bottom



IE-XM-6U-RJ45/RJ45-IP67

Coupling at top



Technical specification

Configuration

Insert

Connection for core
Wiring
Shielding
Ingress Protection Class
Colour
DIN Rail compatibility
Interference immunity
Radiated interference
Housing material
Insertion force
Service life

Built-in flange with mounting frame
and RJ45 socket-socket 90° downward module
Captive cover
RJ45 coupling 90°
RJ45 both ends
diecast zinc housing

IP 67
light grey (RAL 7035)

EN 50082-2
EN 50081-2
PA 66; UL 94: V-0
< 20 N
750 plugging cycles with
RJ plugs to IEC 60603-7

Built-in flange with mounting frame
and RJ45 socket-socket 90° upward module
Captive cover
RJ45 coupling 90°
RJ45 both ends
diecast zinc housing

IP 67
light grey (RAL 7035)

EN 50082-2
EN 50081-2
PA 66; UL 94: V-0
< 20 N
750 plugging cycles with
RJ plugs to IEC 60603-7

Note

Ordering data

Type	Packing unit	Order No.
IE-XM-6D-RJ45/RJ45-IP67	1	8829450000

Note

Type	Packing unit	Order No.
IE-XM-6U-RJ45/RJ45-IP67	1	8829440000

Accessories

Note

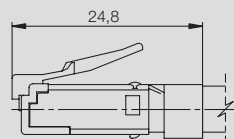
Connecting elements

RJ45 connecting plug

- with and without anti-kink protector

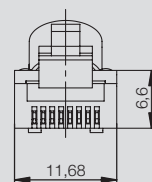
IE-P

Cat.6



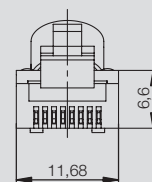
IE-P63

Cat.6



IE-P70

Cat.6



Technical specification

Antikink feature / Locking lever catch
Cladding diameter, min.-max.
Stranded cable diameter, Flexible, min.-max.
Stranded cable diameter, Flexible, min.-max.
Diameter of solid wire, min.-max.
Diameter of solid wire, min.-max.
Wire insulation diameter, min.-max.
Plug to IEC 60603-7-5 (standard)
Antikink sleeve material
Material of insulating parts
Contact material
Contact surface
Shielding material
Plug shielding
Service life / Plugging cycles
Cable pull-out force, min.
Insertion force, max.
Storage temperature, min.-max.
Contact resistance, max.
Insulation resistance, min.
Electric strength, contact-contact
Electric strength, contact-shield
Operating current at 50°C

no
5.5-7.1 mm
0.46-0.61 mm
AWG 27/7-AWG 24/7
0.36-0.51 mm
AWG 27/1-AWG 24/1
0.85-1.02 mm
Yes, tested to 250 MHz

Polycarbonate PC, UL94-VO
phosphor bronze
gold-plated
0.5 mm brass, 2 µm nickel
360°
750
89 N
20 N
-40 °C ... 80 °C
20 mΩ
500 MΩ
1000 V DC
1500 V DC
1 A

yes
5.5-6.2 mm
0.46-0.61 mm
AWG 27/7-AWG 24/7
0.36-0.51 mm
AWG 27/1-AWG 24/1
0.85-1.02 mm
Yes, tested to 250 MHz
Polyamide PA6, UL94-VO
Polycarbonate PC, UL94-VO
phosphor bronze
gold-plated
0.5 mm brass, 2 µm nickel
360°
750
89 N
20 N
-40 °C ... 80 °C
20 mΩ
500 MΩ
1000 V DC
1500 V DC
1 A

yes
6.2-7.1 mm
0.46-0.61 mm
AWG 27/7-AWG 24/7
0.36-0.51 mm
AWG 27/1-AWG 24/1
0.85-1.02 mm
Yes, tested to 250 MHz
Polyamide PA6, UL94-VO
Polycarbonate PC, UL94-VO
phosphor bronze
gold-plated
0.5 mm brass, 2 µm nickel
360°
750
89 N
20 N
-40 °C ... 80 °C
20 mΩ
500 MΩ
1000 V DC
1500 V DC
1 A

Ordering data

Type	Packing unit	Order No.
IE-P	100	8813100000

Type	Packing unit	Order No.
IE-P63	10	8813110000

Type	Packing unit	Order No.
IE-P70	10	8813120000

Note

Accessories

Note

Pressing tool TT 8 G
9202800000, see Tools chapter

Pressing tool TT 8 G
9202800000, see Tools chapter

Pressing tool TT 8 G
9202800000, see Tools chapter