Passive components
Overview of accessories

Accessories – Passive components	Introduction	N.2
	Cable connector	N.3
	Copper cabling tools	N.4
	Fibre-optic cabling tools	N10
	General tools	N.16
	Cabtite cable entry system	N.18
	Protective caps	N.21
	Inkjet printer	N.22
	Markers for cables and ***STEADY****TEC*®	N.24
	Surge protection for data interfaces	N.25

Overview of accessories
Everything from a single source

Cable connector

Connection, repair or extension of Industrial Ethernet cables to Cat.7_A

- fieldattachable with IDC connection technology
- Specified for class F_A
- IP 67

Cabtite

System-based cable entry

- Cable entry strips
- Cable grommets

Copper cabling tools

For assembling
- RJ45 crimp
- Hybrid insert

for stripping
to test the wiring

Protective caps

to protect all IE-LINE connectors with ***STEADY****TEC*® technology

Fibre-optic cabling tools

For assembling

- SC-GOF
- ST-GOF

Marker

... for identifying conductors, plugs and devices

- Line markers
- Housing and plug marker

General tools

... for pressing conductors into IDC terminals and pressing RJ45 contacts

- Indentation tool
- Pressing tool

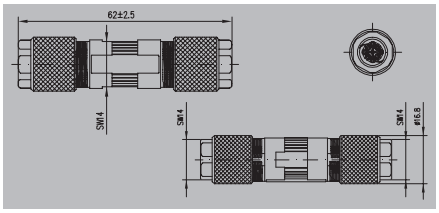
Surge protection for data interfaces

For the protection of Cat. 5 and Cat. 6 data lines - also in PoE and PoE + applications

N

Cable connector class 7

Cable connector



Technical data

Category	Class F_A (ISO/IEC11801 2011) with cat. 7_A Cable
Protection degree	IP 67
Connection 1 / 2	Insulation displacement technology / Insulation displacement technology
Housing main material	Zinc diecast
Ambient temperature (operational)	-40 °C...85 °C
Current-carrying capacity at 50 °C	0.5 A @ 40 °C
Rated voltage	63 V
Insulation resistance	100 MΩ
Shielding	360° all-round enclosure
Connection diameter, flexible, min. / max.	0.48 mm / 0.76 mm
Connection cross-section, flexible, min. / max.	AWG 26 / AWG 22
Connection diameter, solid, min. / max.	0.4 mm / 0.64 mm
Connection cross-section, solid, min. / max.	AWG 24 / AWG 22
Insulation cross-section, max.	1.6 mm
Sheath diameter min. / max.	5 mm / 9.7 mm
Approvals	

Note

Ordering data

Type	Qty.	Order No.
IE-CC-8W-FA-IP67	1	1499940000

Note

Accessories

Type	Qty.	Order No.

Note

Stripping tools

IE-CST

1- and 2- step stripping in one operation

Stripping tool for round (shielded) data cables of Ø 2.5...8 mm

- Specially designed for Ethernet cables
- Strips sheathing and cuts shield in one operation
- Blue blade cartridge included in delivery

AM 12

For UTP and STP data cables

- Cutting of UTP and STP data cables and other flexible copper cables with a diameter of up to 4 mm² (~AWG11)
- Stripping of the outer insulations of UTP and STP data cables and other round cables with Ø 0.5 ... 12.5 mm
- No damage to the shielding or conductor due to adjustable stripping blade
- Length gauge for repeated stripping lengths

Technical data

Max. cutting performance copper cable		IE-CST	AM 12
Cable model		coaxial & round data cables	UTP and STP data cables
Conductor cross-section	AWG		
Conductor diameter	mm	2.5 ... 8	0.5...12.5
Adjustable depth of cut	mm		adjustable
Cutting performance			
Non-shielded & shielded data cables	mm		8
Flexible copper cable	mm²		4
Tool data			
Length	mm	100	97
Weight	g	85	36
Note			

Ordering data

	Type	Qty.	Order No.
	IE-CST	1	9204350000
	AM 12	1	9030060000

Note

Accessories

	Type	Qty.	Order No.
	Spare cutter cassette	1	9032020000

Note

Pressing tools

- Press (punch-down) tool for Ethernet connectors
- Ratchet for precise crimping
- Release option in the event of incorrect operationg

TT 8 RS MP 8

For 8-pole shielded RJ45 plug

- AWG 27...24

Technical data

Description of contact		TT 8 RS MP 8
No. of poles		8
Tool data		
Length	mm	255
Weight	g	1251
Note		

Ordering data

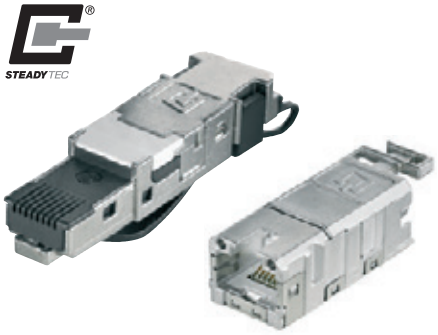
Version	Type	Qty.	Order No.
	TT 8 RS MP 8	1	9202800000
Note			

N

Pressing tools

- Optional crimping tool for Ethernet connectors to facilitate the joining of the upper and lower parts of the RJ45 plug/module

PWZ RJ45



Technical data

Tool data		PWZ RJ45
Weight	g	367

Note	

Ordering data

Version	Type	Qty.	Order No.
	PWZ RJ45	1	1118040000

Note	

Cable Tester

Test devices for testing Ethernet cables, including remote box

LAN USB TESTER

- Indication of connection errors:
  Connection error
  Interrupt
  Short-circuit
  Permutation
- Network cable tester for LAN and USB connections

IE-CT

- Indication of connection errors:
  Connection error
  Interrupt
  Short-circuit
  Permutation
  Wire mix-up (split pair)
  External voltage
- External voltage resistance: 80 V AC / DC

Technical data

Display		LED	7-segment display
Supply		9 V battery	9 V battery
Type of connection		RJ45, USB A, USB B	RJ45
Remote box dimensions		65 x 28 x 27 mm	30 x 68 x 23 mm
Remote box weight		30 g	31 g
Length / Width / Height	mm	135 / 65 / 27	140 / 70 / 36
Weight		174 g	185 g
Note			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	LAN USB TESTER	1	**9205400000**	IE-CT	1	**8808420000**
Note	Battery, accessories and bag included in delivery.			Battery, accessories and bag included in delivery. Further test boxes on request		

N

Cutting tools

- The cutting blade design for different cable sizes increases the quality of the cuts for smaller cross-sections
- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!
- Cutting without deformation of the conductor
- Do not cut live conductors
- Individually tested protective insulation, 1000V, VDE and GS tested in accordance with EN/IEC 60900
- Optimised handle ergonomics
- Minimal hand force required

KT 8

max. 8 mm

max. 16 mm²

max. 16 mm²

max. 16 mm²

Technical data

Max. cutting performance, copper cable		**KT8**
Copper cable - solid, max.	mm²/-	16
Copper cable - stranded, max.	mm²/-	16 / 6
Copper cable - flexible, max.	mm²/-	16 / 6
Copper cable, max. diameter	mm	8
Max. cutting performance, aluminium cable		
Stranded aluminium cable, max (mm²)	mm²/-	16 / 6
Stranded aluminium cable, max. diameter	mm	8
Single-core aluminium cable, max.(mm²)	mm²	16
Data / telephone / control cable		
Data / telephone / control cable, max. Ø	mm	8
Tool data		
Length / Width / Height	mm	185 / 65.5 / 30
Weight	g	180
Note		Tool closed

Ordering data

Version	Type	Qty.	Order No.
	KT 8	1	**9002650000**
Note			

SEE ESD 120

Electronic ESD diagonal-cutting pliers with pointed head

- Hard wire (spring wire or steel nails): 0.4 mm/AWG 26
- Semi-hard wire (iron or nails): 1.0 mm/AWG 18
- Soft wire (copper or aluminium): 1.5 mm/AWG 15

Ordering data

Type	Qty.	Order No.
SEE ESD 120	1	9205130000

Technical data

Weight	90 g

SEE ESD 125

Electronic ESD diagonal-cutting pliers with oval head

- Semi-hard wire (iron or nails): 0.8 mm/AWG 20
- Soft wire (copper or aluminium): 1.5 mm/AWG 15

Ordering data

Type	Qty.	Order No.
SEE ESD 125	1	9204750000

Technical data

Weight	90 g

FZE ESD 130

Electronic ESD flat-nosed pliers

Ordering data

Type	Qty.	Order No.
FZE ESD 130	1	9204760000

Technical data

Weight	90 g

SZE ESD 130

Electronic ESD Snipe-nosed pliers

Ordering data

Type	Qty.	Order No.
SZE ESD 130	1	9204770000

Technical data

Weight	90 g

SVSE ESD 130

Electronic ESD angle-cutting pliers

- Hard wire (spring wire or steel nails): 0.6 mm/AWG 22
- Semi-hard wire (iron or nails): 1.0 mm/AWG 18
- Soft wire (copper or aluminium): 1.2 mm/AWG 16

Ordering data

Type	Qty.	Order No.
SVSE ESD 130	1	9205140000

Technical data

Weight	90 g

SUPER CUT

Electronic diagonal-cutting pliers

- Soft wire (copper or aluminium): 1.2 mm/AWG 16

Ordering data

Type	Qty.	Order No.
SUPER CUT	1	9205150000

Technical data

Weight	78 g

KOF SET ESD

Electronic ESD case set

Contents:
- Diagonal-cutting pliers
- Snipe-nosed pliers
- Flat-nose pliers
- Angle-cutting pliers

Ordering data

Type	Qty.	Order No.
KOF SET ESD	1	9205210000

Technical data

Weight	547 g

Crimping tools

Cutting, stripping and crimping tools
for processing POF fibres in compliance with
IEC 60793-2 A4A fibres (1000 µm/980 µm POF)

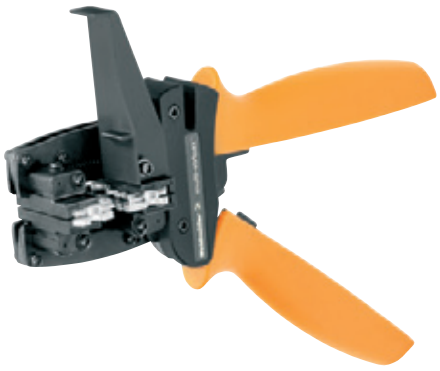
- Multifunction tool for POF fibres
- Processing the duplex POF fibres
- Stripping tool for processing POF fibres and cables
- The new set of blades for POF cables makes stripping the outer covering and the POF fibres simple
- Cable shears specially designed for aramid fibres
- Only for cutting aramid fibres (strain relief in fibre-optic cables)

Tool-Set IE-POF

Contents:

- Assortment case PSC 80
- Kevlar scissors for aramid fibres
- Multifunction tool HTX-IE-POF
- Stripping tool multi-stripax® IE-POF

multi-stripax® POF



- Excellent stripping quality for industrial applications
- Specially shaped blades enable stripping of special types of insulation and conductor configurations
- Stripping length with end stop, adjustable from 2.3...30 mm
- Very versatile thanks to interchangeable stripping units
- Stripping results reproduced accurately over and over again
- No damage to the conductor
- A long-lasting, reliable tool thanks to its sturdy design
- Integrated cutting function up to 6 mm²

Technical data

Length / Width / Height	mm	241 / 338 / 79	250 / 85 / 40
Weight	g	1,800	250
Note			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	TOOL SET IE-POF	1	**1208930000**	MULTI-STRIPAX IE-POF	1	**1208880000**
Note						

Accessories

	Type	Qty.	Order No.	Type	Qty.	Order No.
	HTX-IE-POF	1	**1208870000**	Replacement cutting blade	1	**9203100000**
	MULTI-STRIPAX IE-POF	1	**1208880000**	Replacement stop set	1	**9203070000**
	KEVLAR SCISSORS	1	**1208910000**	AIE MULTI-STRIPAX POF	1	**1212770000**
Note						

Crimping tools

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts

HTX-IE-POF

- Only one tool needed for all SC-RJ plug processing steps
- For processing 1 mm thick polymer optical fibres, especially for the PROFINET and EtherNet/IP-SC-RJ connectors
- For stripping Duplex polymer optical fibres
- The plug is crimped and the polymer optical fibres are separated, all in a single step
- Cut surfaces do not need to be polished after cutting
- Locator for precise positioning of the SC-RJ plugs
- Ergonomic handles
- High repeat accuracy

Three steps to produce IP 67 connectors:
1) Strip the Duplex polymer optical fibres
2) Crimp and separate
3) Crimp the strain relief

SCISSOR Kevlar

- Cable shears specially designed for aramid fibres
- Only for cutting aramid fibres (strain relief in fibre-optic cables)
- Do not use for other materials
- Special blade geometry
- Blades ground
- With teeth on the cutting edge
- Riveted joint
- Hand-friendly, impact-resistant plastic handles

Technical data

Material data	HTX-IE-POF	SCISSORS KEVLAR
Length	220	147
Weight	450	100
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	HTX-IE-POF	1	1208870000	SCISSORS KEVLAR	1	1208910000
Note						

N

Assembly case for fibre-optic connectors

Our fibre-optic assembly case is an indispensible set for helping you to assemble fibre-optic cables on-site.

IE-CTC-SCST-GOF

Contents:

- Crimping pliers for ST and SC plugs
- Kevlar shears
- Stripping tool for cable sheath and primary coating
- Stripping tool for secondary coating
- Fluorescent light with pluggable adapter
- Polishing and cleaning fluid
- Cleaning cloths
- Cleaning rod
- Polishing base support for pre-polishing and surface finishing
- Polishing foils
- Sapphire stylus
- Microscope, 100X magnification

Ordering data

Type	Qty.	Order No.
IE-CTC-SCST-GOF	1	1032030000

Note

Accessories

Type	Qty.	Order No.
Accessory set for LC plugs		
IE-CTC-AS-LC-GOF	1	1033350000

Note

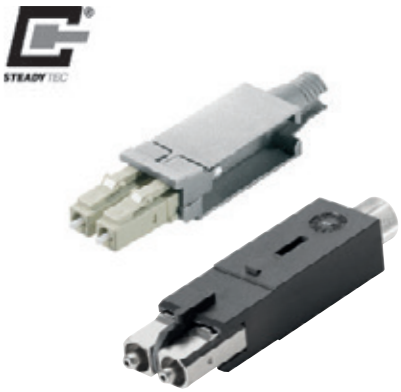
Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation

IE-CT-SC-GOF / IE-CT-LC-GOF

Crimping tools for IP 20 + 67 connectors

- For fibre-optic SC/ST, IP 20 and IP 67 connectors
- For fibre-optic LC and IP 67 connectors



Technical data

Tool data	IE-CT-SC-GOF	IE-CT-LC-GOF
Length	250	250
Weight	730	730
Note		

Ordering data

Version	Type	Qty.	Order No.
	IE-CT-SC-GOF	1	9205320000
	IE-CT-LC-GOF	1	9205330000
Note			

Accessories

	Type	Qty.	Order No.
Note			

N

Crimping tool for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts
- Contact and insulation are crimped in one step

HTF HYB

0.08...1.0 mm²

For Weidmüller hybrid sockets and pins
- ~AWG 28...AWG 17

Technical data

Description of contact		HTF HYB
Type of contact		Hybrid sockets / plugs
Crimping range	mm²	0.08...1
Crimping range 1 (with multiple crimping positions)	mm²	0.08....0.2
Crimping range 2 (with multiple crimping positions)	mm²	0.2...0.5
Crimping range 3 (with multiple crimping positions)	mm²	0.75...1
Tool data		
Length	mm	200
Weight	g	438
Note		

Ordering data

Version	Type	Qty.	Order No.
	HTF HYB	1	1119580000
Note			

Special stripping tools

- Quick and accurate stripping
- No need to adjust cutting depth
- No damage to inner conductors

LWL-stripax®

Stripping and cutting tool for plastic fibre-optic cables with 1-mm diameter inner conductor

- Stripping length adjustable via end stop
- Automatic opening of the clamping jaws after stripping

Technical data

Max. stripping performance		M-D-STRIPAX LWL
Cable type		POF conductor with an inner conductor of 1 mm Ø
Conductor diameter	–	...1
Stripping length, max.	–	7.5
Tool data		
Length	mm	135
Weight	g	110
Note		POF: polymer optical fibre

Ordering data

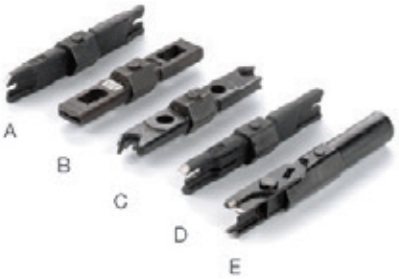
Version	Type	Qty.	Order No.
	M-D-STRIPAX LWL	1	9003750000
Note			

Accessories

	Type	Qty.	Order No.
	Spare stripping blades	1	9003760000
Note			

Incision tool for twisted-pair cable

For connecting twisted-pair cable to terminal rails with IDC contacts e.g. in main and floor distributors, and in modular wall junction boxes for structured building cabling.



PDT

The punch-down tool has the following features:

- Mechanics made from metal components
- Adjustable pressing force for conductor sizes AWG 20 to AWG 28
- Different blades for connector blocks of type 110 from AT&T, type 66, type LSA Plus from Krone (Standard and scissors cutting function) as well as for telephone outlets 630A6
- Incision blades with 2 functions: incision or incision with cutting off of remaining conductor
- Storage compartment for one blade

A = PD blade 110
B = PD blade 66
C = PD blade 630
D = PD blade Krone LSA (standard)
E = PD blade Krone LSA (scissor)

IE-FISP-V4

Fastening tool for the hexagon cap nut from ***STEADY**TEC*® V4 flange and FrontCom® Micro.

Technical data

		PUNCH DOWN TOOL PDT	Fixing tool
Length / Width / Height	mm	160 / 37 / 29	115 / 28 / 28
Weight	g	142	21
Note			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	PUNCH DOWN TOOL PDT	1	**9013970000**	IE-FISP-V4	2	**9204370000**
Note	(without blade)					

Accessories

Type	Qty.	Order No.	Type	Qty.	Order No.
PD blade Krone LSA Plus (scissor)	1	**9014050000**			
PD blade 110	1	**9013960000**			
PD blade 630	1	**9013990000**			
PD blade 66	1	**9013980000**			
PD blade Krone LSA Plus (standard)	1	**9014000000**			
Note					

Hydraulic sheet holes

Incl. accessories:
- 1 hydraulic screw Ø 19 mm
- 1 hydraulic screw Ø 19 x 9.5 mm
- 1 HSS pre-drill Ø 10 mm
- 1 spacer nut set (3-part)
- 1 bridge

IE-KO-HAT

- Overpressure valve protects against overloading
- Cylinder head angled 90°
- Angled head can be rotated through 360°
- Ergonomic handle springs back automatically
- The piece of waste no longer becomes jammed thanks to 3-fold cleaving
- Hydraulic punch manufactured from high-strength aluminium (approx. 40 % less weight)

Technical data

Maximum steel-sheet punching performance		IE-KO-HAT
Round holes from 1 to Ø 85 mm	-	2.0 mm F = 370 N/mm²
Round holes from 2 to Ø 64 mm		3.0 mm F = 370 N/mm²
Square holes up to	-	68 x 68 mm; 2.0 mm F = 370 N/mm²
Rectangular holes up to	-	36 x 112 mm; 2.0 mm F = 370 N/mm²
Maximum stainless steel sheet punching performance		
Round holes from 3 to Ø 64 mm		2.5 mm F = 600 N/mm²
Tool data		
Length x width x height	mm	290 / 120 / 70
Weight	kg	1.9
Punching force	kN	75
Max. operating pressure	bar	650
Note		

Ordering data

Version	Type	Qty.	Order No.
	IE-KO-HAT	1	**1966810000**
Note			

Accessories

	Type	Qty.	Order No.
	KOHS 19	1	**9205010000**
	KOHS 9.5+19	1	**9205000000**
	KOPD 10.0	1	**9205020000**
Note			

Custom stamp for Industrial Ethernet connections

Type	Description	Dimensions	Qty.	Order No.
IE-KOK-V1	Custom shape for Bajonet 01 metal	Diameter 27 mm x 1 side 25.9 mm	1	**1966780000**
IE-KOK-V4	Custom shape for Push Pull V04 plastic	Diameter 23.2 mm x 2 sides 20.2 mm	1	**1966790000**
IE-KOK-V5	Custom shape for RockStar® V05 metal	22.0 x 22.0 mm	1	**9204790000**
IE-KOK-V14	Custom shape for V14 flange	22.0 x 18.5 mm	1	**1135240000**

HDC KT – Cable grommets, small

Cable grommets, small, grey

HDC KT – Cable grommets, small

Cable grommets, small, black

Technical data

Material	free from elastomers, halogens and silicone	elastomers with very high chemical resistance
Colour	grey	black
Temperature range	-40 °C to +90 °C (static)	-30 °C to +90 °C (static)
Ingress protection class		
UL 94 flammability rating	V0	HB
Note		

Ordering data

Type	Clamping range [mm]	Qty.	Order No.
HDC KT 5	5-6	10	**1826480000**
HDC KT 6	6-7	10	**1826490000**
HDC KT 7	7-8	10	**1826500000**
HDC KT 8	8-9	10	**1826510000**
Blanking plugs, small			
HDC BTK		10	**1828170000**

Type	Clamping range [mm]	Qty.	Order No.
HDC KT 5	5-6	10	**1827810000**
HDC KT 6	6-7	10	**1827830000**
HDC KT 7	7-8	10	**1827840000**
HDC KT 8	8-9	10	**1827850000**
Blanking plugs, small			
HDC BTK		10	**1828200000**

Note

HDC KEL 16

Cable entry strip

KEL 16/8 with 8 small grommets

KEL 16/4 with closed half-shell for 4 small grommets

Snap frame KEL 16 SNAP

Technical data

Material	Polyamide, halogenfree, siliconfree
Colour	black
Temperature range	-40 °C to +140 °C (static)
Ingress protection class	IP 54, when correct cable grommet is used
UL 94 flammability rating	V0
Note	

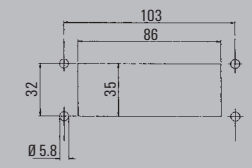
Ordering data

Type	No. of grommet positions small	large	Qty.	Order No.
HDC KEL 16/8	8	-	10	**1825910000**
HDC KEL 16/4	4	-*)	10	**1825900000**
Blanking plugs, small				
HDC KEL 16 SNAP			10	**1827770000**

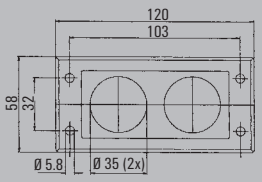
*) with closed half-shell

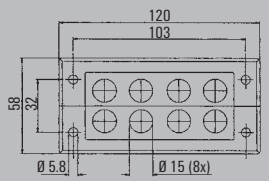
Note

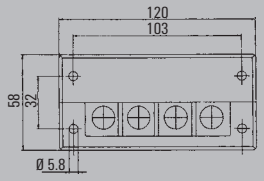
Dimensioned drawings



Cut-out size 16
35 x 86 mm







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KVT 32

KVT 32 and locknut for D-Sub 9

KVT 32

Locknut for D-Sub 9
KGM-SUB-D9

Technical data

Material	Polycarbonate, free from halogens and silicone
Colour	grey, similar to RAL 7035
Temperature range	-30 °C to +100 °C (static)
Ingress protection class	IP 54, when the correct cable grommet is selected
UL 94 flammability rating	V0
Note	

Ordering data

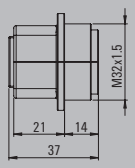
Type	Thread	For grommet small	large	Qty.	Order No.
HDC KVT 32	M 32 x 1.5	1	–	10	**1826670000**
Locknut for D-Sub 9					
KGM-SUB-D9	M 32 x 1.5			10	**1828250000**

Note

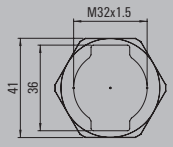
Please refer to catalogue 5 for the complete range.

Dimensioned drawings

HDC KVT 32



KGM-SUB-D9



N

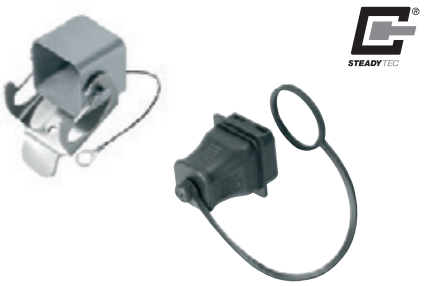
Dust-protection plugs for protecting empty ports

- RJ45
- ***STEADY****TEC*® variants
- M12

Dust Cap RJ45

- Dust Cap RJ45 with finger grip

Protective caps IP 67



- Protective caps for all ***STEADY****TEC*® variants and for M12 plug-in connectors

Ordering data

Type	Qty.	Order No.
IE-DPC	100	**8813490000**

Type	Qty.	Order No.
V1 Bayonet plug	10	**1965690000**
V1 Bayonet flange	10	**1965700000**
V4 PushPull plug	10	**1963890000**
V4 PushPull flange	10	**1963900000**
V5 HDC plug	10	**1968920000**
V5 HDC flange	10	**1968930000**
V14 PushPull plug	10	**1058280000**
V14 PushPull flange	10	**1058310000**
PushPull Power flange	10	**1068930000**
M12 plug	1	**2330260000**
M12 flange	1	**8425960000**

Note

The advanced inkjet printer
Our PrintJet ADVANCED for exacting standards

Flexible printing of plastic and metal markers

The PrintJet ADVANCED is an inkjet printer which prints plastic markers in MultiCard format and metal markers from the MetalliCard family. Thanks to its high magazine capacity, it is ideal for printing large volumes in continuous operation. The precise colour printing and thermal fixing guarantee optimum print results for durable equipment identification. With these properties, the PrintJet ADVANCED brings efficiency to the operating process – whether operated with our M-Print® PRO software or as a stand-alone solution with pre-installed print templates.

The advantages for you at a glance:

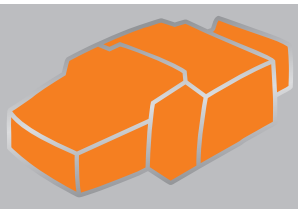
- Precise colour printing
- Printing of metal markers as standard
- High level of automation thanks to magazine capacity of 30 MultiCards
- Durable and robust markers thanks to thermal fixing
- User-friendly thanks to intuitive touch display
- Can be used as stand-alone solution

Technical data

	Description	
Intended use	Printing Weidmüller MultiCards and MetalliCards	
Technology	Inkjet procedure with integrated thermal fixing unit	
Feed	Automatic magazine for max. 30 MultiCards Individual feed for MetalliCards and MultiCards	
Fuses	Right fuse: 10 ATH 240/120 V Left fuse: 2.5 ATH 240/120 V	
Application site	Office conditions	
Ambient temperature	10 °C – 35 °C 0 °F – 95 °F	
Dimensions	Length including output rail: Length not including output rail: Width: Height with touch panel folded down: Height with touch panel folded up:	approx. 1.138 mm (44.80") approx. 945 mm (37.20") 554 mm (21.81") 328 mm (12.91") 422 mm (16.61")
Weight	57.8 kg (127.43 lb) with packaging 37.2 kg (82.01 lb) without packaging	
Ink system	Colour system – black, cyan, magenta, yellow	
Included in delivery	• PrintJet ADVANCED • Mains cable • USB cable • One MultiCard DEK 5/5	• One output rail • DVD with M-Print® PRO software • Quick start guide • Operating manual
	The ink cartridges and ink collector tray are installed in the printer.	

Inkjet printer

PrintJet Advanced



Technical data

EAN	4032248140121
Length	950 mm
Width	555 mm
Height	310 mm
Weight	58 kg
Net weight	37.2 kg
Printing method	Ink jet technology
Printer driver	Windows XP, Windows Vista, Windows 7, Windows 8
Printing speed	Depends on printing quality
Print quality	600 dpi / 1200 dpi
Marker type	MultiCard / MetalliCard
Interface	LAN, USB
Fueling system	Ink cartridge, CMYK
Supply voltage	230 V AC / 16 A, 115 V AC / 20 A
Operating system	Windows XP, Windows Vista, Windows 7, Windows 8
Software	M-Print® PRO

Note

Ordering data

Type	Qty.	Order No.
PRINTJET ADVANCED 230V	1	1324380000
PRINTJET ADVANCED 115V	1	1338700000

Note

Accessories

PrintJet Advanced	Type	Qty.	Order No.
Software	M-PRINT PRO	1	1905490000
Ink collecting tray	PJ ADV TNAW	1	1338710000
Cyan ink	PJ ADV TNTK INK C	1	1338680000
Magenta ink	PJ ADV TNTK INK M	1	1338670000
Yellow ink	PJ ADV TNTK INK Y	1	1338650000
Black ink	PJ ADV TNTK INK K	1	1338690000
Ink set	PJ ADV TNTK INK SET	1	1338720000
PrintJet PRO			
Ink collecting tray	PJ PRO TNAW	1	1024140000
Cyan ink	PJ PRO TNTK INK C	1	1027050000
Magenta ink	PJ PRO TNTK INK M	1	1027060000
Yellow ink	PJ PRO TNTK INK Y	1	1027070000
Black ink	PJ PRO TNTK INK K	1	1027040000
Ink set	PJ PRO TINTENSET FARBE	1	1027110000

Note

Markers for cables and STEADYTEC®

Markers for cables and wires

SlimFix V0 for cables and wires

- Ø 4.7 to 6.8 mm SF5/21
- Ø 5.8 to 8.5 mm SF6/21

Ordering data

Type	Qty.	Order No.
VT SF 5/21 NE WS V0	160	**1689470001**
VT SF 6/21 NE WS V0	160	**1730560001**

Note: Can be printed with PrintJet PRO.

Accessories

Type	Qty.	Order No.

Markers for IE-Line STEADYTEC®

MultiCard ESG 9/11 K for IE-Line STEADYTEC®

- 9 x 11 mm
- White

Ordering data

Type	Qty.	Order No.
ESG 9/11 K MC NE WS	200	**1857440000**

Note: Can be printed with PrintJet PRO.

Accessories

Type	Qty.	Order No.

TM-I for pre-assembled M12 cables

MultiCard markers for labelling transparent M12 TM-I sleeves

- Tag length: 18 mm
- Tag width: 4 mm

Ordering data

Type		Qty.	Order No.
TM-I 18 MC NE WS		320	**1718431044**
TM-I 18 MC NE GE		320	**1718431687**

Accessories

Type		Qty.	Order No.
TM 4/12 HF/HB	Length 12 mm	500	**1719840000**
TM 4/18 HF/HB	Length 18 mm	500	**1719850000**

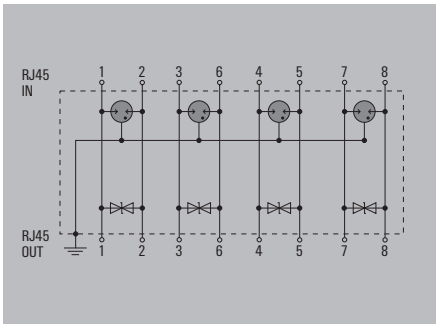
Note: Can be printed with PrintJet PRO.

N

V DATA Cat. 6 - surge protection for 8 wires with RJ45 socket

- RJ45 connection
- All 4 lines are protected
- Robust and compact metal housing
- Suitable for Cat. 5 (to 100 MHz) and Cat. 6 to 250 MHz (class E)
- Suitable for PoE (IEEE 802.3af) and PoE + (IEEE 802.3at)

V DATA CAT6



Technical data

Requirements category acc. to IEC 61643-21	C2, D1
Surge current-carrying capacity C2	10 kA
Surge current-carrying capacity D1	1 kA 10/350 µs
Discharge current I_n (8/20 µs) wire-wire/wire-PE/GND-PE	150 A / 1,25 kA
Discharge I_{max} (8/20 µs) wire-wire/wire-PE/GND-PE	10 kA / 5 kA
Lightning test I_{imp} (10/350 µs) wire-wire/wire-PE/GND-PE	1 kA / 1 kA
Type of connection	RJ45-Port
Storage temperature	-40 ... +85 °C
Ambient temperature (operational)	-40 ... +80 °C
Protection degree	IP 20
Rated voltage (AC)	48 V
Rated current	1 A
Insertion loss @ 250 MHz	≤ 1 dB @ 250 MHz
Protection level U_P typical	≤ 550 V
Approvals	
Standards	According to IEC61643-21
Dimensions of complete module (arrester + base element)	
Height x width x depth	75 / 19 / 46 mm
Note	Can also be used for Cat.5 applications

Ordering data

Type	**Qty.**	**Order No.**
VDATA CAT6	1 ST	**1348590000**
Note		