

CONEC SUPERCON HYBRID CONNECTORS FIELD ATTACHABLE

Nomenclature

	ENP	-	17	-	0	-	R	K		C	Pst	4PE	Dbu	4	/	150	/	034
Ethernet-Power 100 MHz Cat5e																		
Installation size 12 = B12 17 = B17 23 = B23																		
Shielding = unshielded																		
Coding 0 = Coding selectable during assembly																		
Type R = Circular connectors																		
Gender K = Female connector S = Male connector																		
Configuration = axial																		
Configuration C = field attachable																		
Type of power contacts Pst = Power contacts male Pbu = Power contacts female																		
No. of power contacts 2 = 2-pos. (60 V) 2PE = 2-pos.+PE (600 V) 2PEA = 2-pos.+PE (250 V) 3PE = 3-pos.+PE (600 V) 4PE = 4-pos.+PE (600 V) 5PE = 2-pos.+3-pos.+PE (600 V)																		
Type of data contacts Dst = Data contacts male Dbu = Data contacts female																		
No. of data contacts 4 = 4-pos.																		
Wire cross section power contact 075 = 0.75 mm ² 150 = 1.50 mm ² 250 = 2.50 mm ² 400 = 4.00 mm ² 250 + 400 = 2.50 mm ² + 4.00 mm ²																		
Wire cross section data contacts 034 = 0.34 mm ²																		

CONEC SUPERCON HYBRID CONNECTORS FIELD ATTACHABLE

Product specification

Basic material	
Contact	Copper alloy
Contact plating	Nickel plated, gold plated
Contact carrier	PA6, UL94
Housing	CuZn, Ni
Cable sealing	NBR
Sealing	NBR, FPM
Coupling nut/screw	GD-Zn, Ni
Technical data	
Rated voltage power	Size B12: 60 V DC Size B17: 250 V (2PEA), 600 V (2PE, 3PE, 4PE)
Rated voltage data	24 V DC
Current rating power	Size B12: 10 A @ 30 °C Size B17: 20 A (2PEA), 14 A (2PE, 3PE, 4PE) @ 30 °C
Current rating data	3 A @ 30 °C
Degree of protection	IP67
Temperature range	-20 °C - +80 °C
Terminal cross section	Size B12: 0.75 mm ² + AWG22 Size B17: 2.5 mm ² + AWG22 (2PEA), 1.5 mm ² + AWG22 (2PE, 3PE, 4PE)

B17 HYBRID CONNECTORS FIELD ATTACHABLE

Bayonet locking

Female connector Contacts: Power = male, Ethernet = female



No. of poles

Wire cross section [mm²]

Description

Part No.

3+4

1.5

ENP-17-0-RKCPst2PED-
bu4/150/034

57-00017

3+4

2.5

ENP-17-0-RKCPst2PEAD-
bu4/250/034

57-00018

4+4

1.5

ENP-17-0-RKCPst3PED-
bu4/150/034

57-00019*

5+4

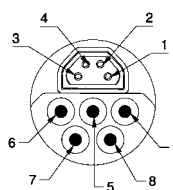
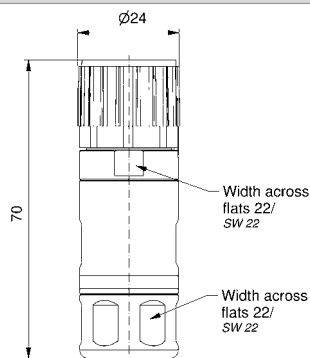
1.5

ENP-17-0-RKCPst4PED-
bu4/150/034

57-00020

Dimension

Contacts: Power = male,
Ethernet = female



1-4: Data contacts (IEC 11801 Cat5e)
5-9: Power contacts

Technical Data	7-pos. (3 x 1.5 mm² + 4 x AWG22)	7-pos. (3 x 2.5 mm² + 4 x AWG22)	8-pos.* (4 x 1.5 mm² + 4 x AWG22)	9-pos. (4 x 1.5 mm² + 4 x AWG22)
Installation size	B17	B17	B17	B17
Coding	1	1	1	1
Data contacts	4	4	4	4
Power contacts	2+PE	2+PE	2+PE	2+PE
Locking	Bayonet	Bayonet	Bayonet	Bayonet
Current rating power	14 A @ 30 °C	20 A @ 30 °C	14 A @ 30 °C	14 A @ 30 °C
Current rating data	3 A @ 30 °C	3 A @ 30 °C	3 A @ 30 °C	3 A @ 30 °C
Rated voltage power	600 AC/DC	250 AC/DC	600 AC/DC	600 AC/DC
Rated voltage data	24 V DC	24 V DC	24 V DC	24 V DC
Wire cross section power	1.5 mm²	2.5 mm²	1.5 mm²	2.5 mm²
Wire cross section data	AWG22	AWG22	AWG22	AWG22

*on request

B17 HYBRID CONNECTORS FIELD ATTACHABLE

Bayonet locking

Female connector Contacts: Power = female, Ethernet = male



No. of poles

Wire cross section [mm²]

Description

Part No.

3+4

2.5

ENP-17-0-RKCPbu-
2PEDst4/150/034

57-00021

3+4

1.5

ENP-17-0-RKCPbu-
2PEADst4/250/034

57-00022

4+4

1.5

ENP-17-0-RKCPbu-
2PEDst4/150/034

57-00023*

5+4

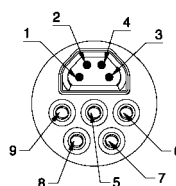
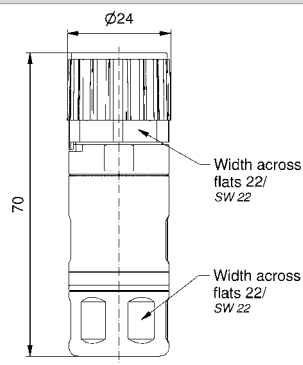
1.5

ENP-17-0-RKCPbu-
2PEDst4/150/034

57-00024

Dimension

Contacts: Power = female,
Ethernet = male



1-4: Data contacts (IEC 11801 Cat5e)
5-9: Power contacts

Technical Data	7-pos. (3 x 1.5 mm² + 4 x AWG22)	7-pos. (3 x 2.5 mm² + 4 x AWG22)	8-pos.* (4 x 1.5 mm² + 4 x AWG22)	9-pos. (5 x 1.5 mm² + 4 x AWG22)
Installation size	B17	B17	B17	B17
Coding	1	1	1	1
Data contacts	4	4	4	4
Power contacts	2+PE	2+PE	3+PE	3+PE
Locking	Bayonet	Bayonet	Bayonet	Bayonet
Current rating power	14 A @ 30 °C	20 A @ 30 °C	14 A @ 30 °C	14 A @ 30 °C
Current rating data	3 A @ 30 °C	3 A @ 30 °C	3 A @ 30 °C	3 A @ 30 °C
Rated voltage power	600 AC/DC	250 AC/DC	600 AC/DC	600 AC/DC
Rated voltage data	24 V DC	24 V DC	24 V DC	24 V DC
Wire cross section power	2.5 mm²	2.5 mm²	1.5 mm²	1.5 mm²
Wire cross section data	AWG22	AWG22	AWG22	AWG22

*on request

Mouser Electronics

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CONEC:

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