

NET Series



Non-waterproof

RoHS

Safety standard certified products available

Overview

- Power connectors compliant with safety standards and also certified by UL • CSA standards.
- Used in a wide variety of FA equipment and semiconductor equipment.

Feature

RoHS	RoHS Directive compliant
Waterproof	Non
Lock method	Thread lock
Features of mechanism/ material	<ul style="list-style-type: none"> ○ Protection circuit structure : Ground contact of sequence structure (prioritized contact) that connects with metal shells. ○ Installation in a small space enabled by use of the L za.
Standards	<ul style="list-style-type: none"> ○ Safety standard certified connectors available. (EN61984 compliant , TÜV certified) ○ UL • CSA standard certified connectors available. (UL : UL1977 CSA : C22.2 No.182.3)
Cable termination	Soldering

Characteristics

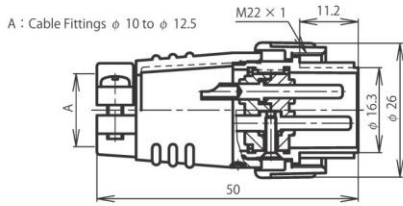
Shell size	Contact	Number of contacts		
		Insulation resistance (M Ω)	Contact resistance (m Ω)	Withstand voltage (V r.m.s.)
20	3	DC 500V 2,000 min.	3 max.	1,500
24	3	DC 500V 2,000 min.	3 max.	1,500
	4			
28	4	DC 500V 2,000 min.	3 max.	1,500
	8			
32	3	DC 500V 2,000 min.	3 max.	2,000
	4			



The pin contact type has an **exposed electrode**. If it is used on the [power supply] side, it may cause **electric shock** or **short-circuit accidents**. To prevent such accidents, use the socket contact type on the [power supply] side and the pin contact type on the [equipment] side.

NET Series Shell Size 20

【 Power receiving side 】 < Pin (male) contact used >

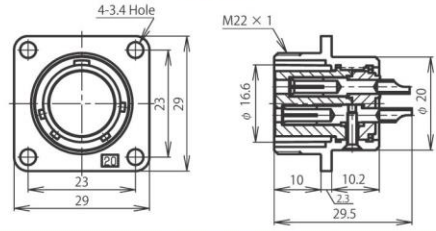


NET-20 ■ -PM

Plug

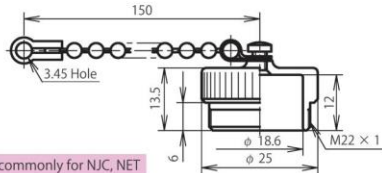


【 Power supply side 】 < Socket (female) contact used >

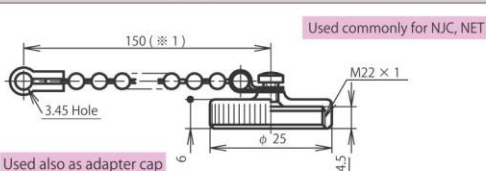


NET-20 ■ -RF

Receptacle

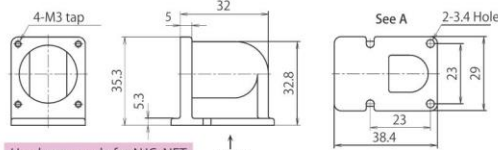


Plug cap : NJC-20-PCa



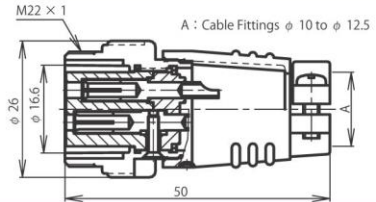
Receptacle cap : NJC-20-RCa

(※ 1) Length 70 mm also available. (Example : NJC-20-RCa L70)



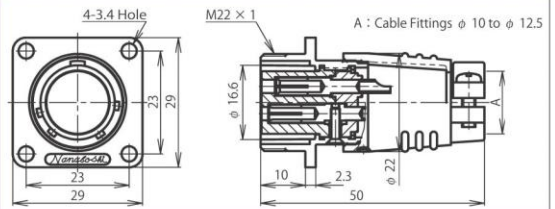
NJC-20-L za

Accessory



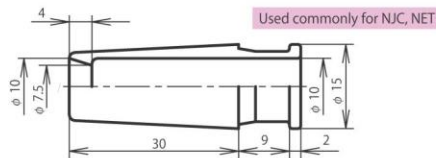
NET-20 ■ -AdF

Adapter

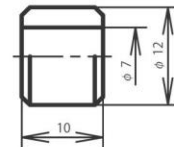


NET-20 ■ -Ad(F)F

Accessory



Cable bushing : NJC-20-CB



Cable bushing : CBAS-12-7

NET

20

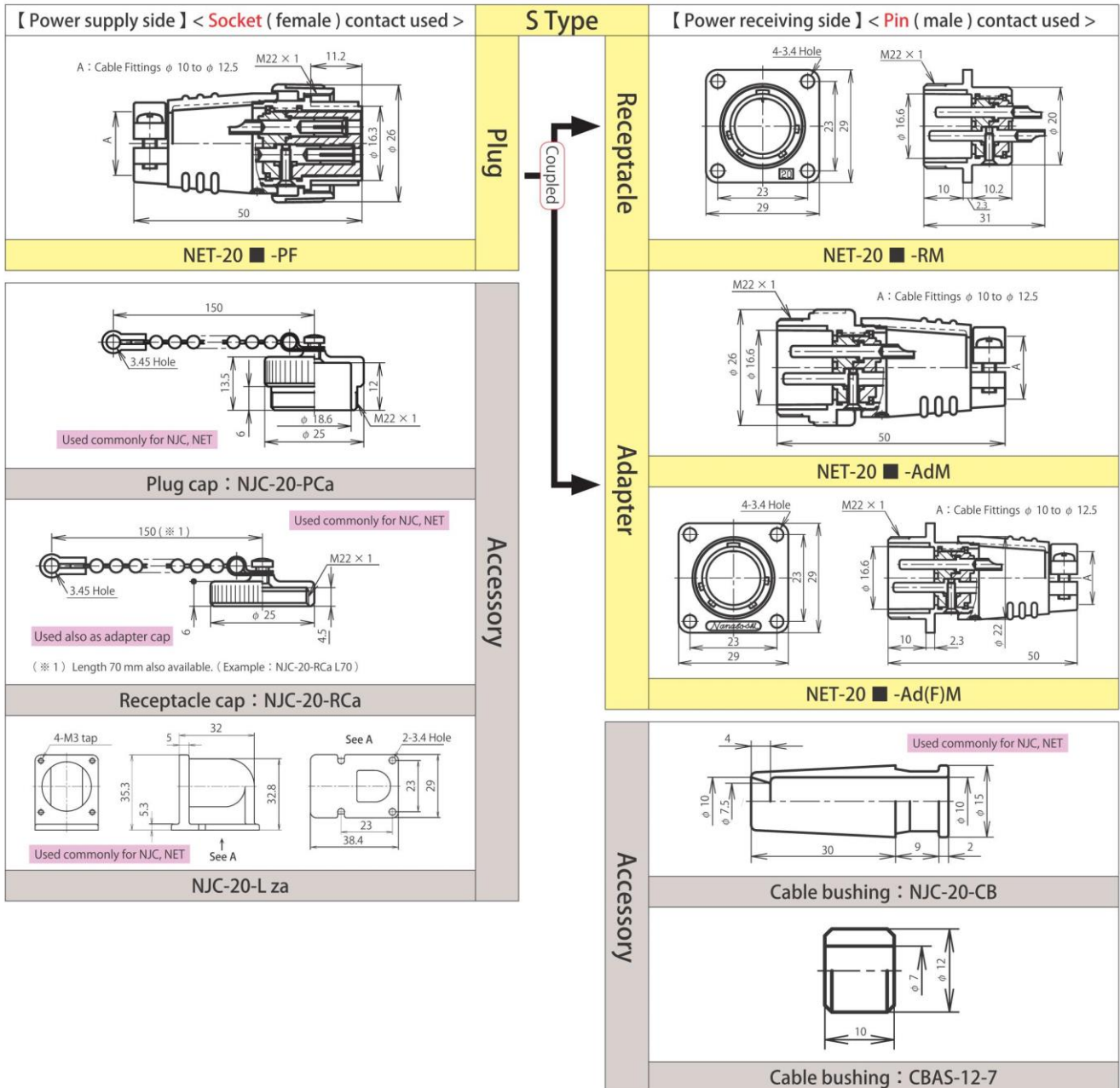
■ indicates the number of contacts.

Shell size	Number of Contacts	3
20	Contact arrangement <When viewed from the pin (male) contact coupling side>	
	Safety standard (Note-1)	UL·CSA, TÜV
	Rating	250V 15A
	Withstand voltage (V r.m.s.)	1,500
	Wire size AWG	#14

The cable to use should have a conductor cross sectional area shown in the left-side table.


Note-1 : All connectors are UL · CSA , TÜV certified. Not necessary to specify a standard by a product name. For safety standards, see pp.127 and 130.

NET Series Shell Size 20



NET
20

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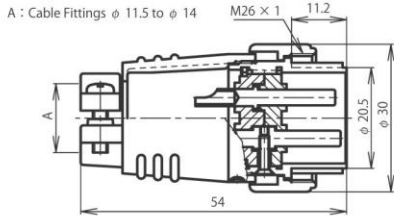
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NET Series Shell Size 24

【 Power receiving side 】 < Pin (male) contact used >

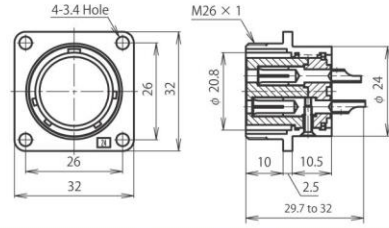


NET-24 ■ -PM

Plug

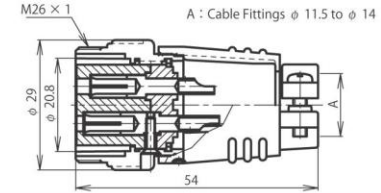


【 Power supply side 】 < Socket (female) contact used >



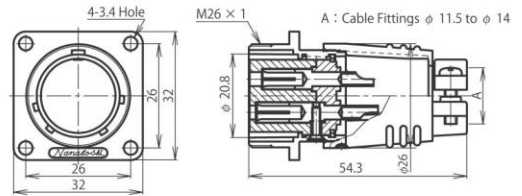
NET-24 ■ -RF

Receptacle



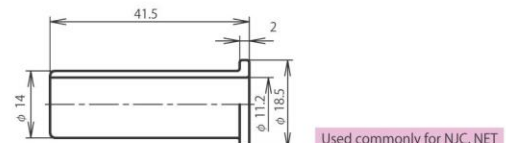
NET-24 ■ -AdF

Adapter

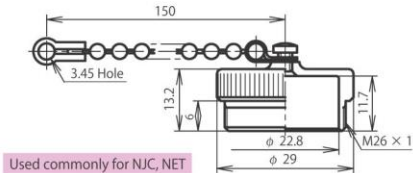


NET-24 ■ -Ad(F)F

Accessory

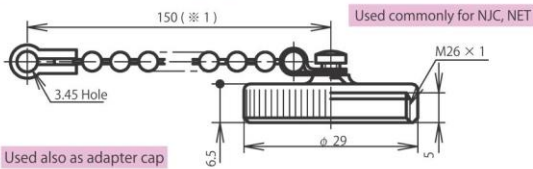


Cable bushing : NJC-24-CB



Used commonly for NJC, NET

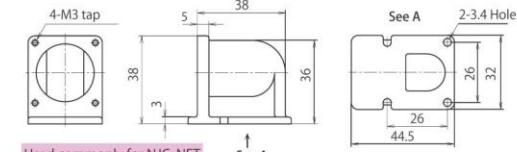
Plug cap : NJC-24-PCa



Used commonly for NJC, NET

Receptacle cap : NJC-24-RCa

(※ 1) Length 50,70 mm also available. (Example : NJC-24-RCa L70)



Used commonly for NJC, NET

NJC-24-L za

Accessory

NET

24

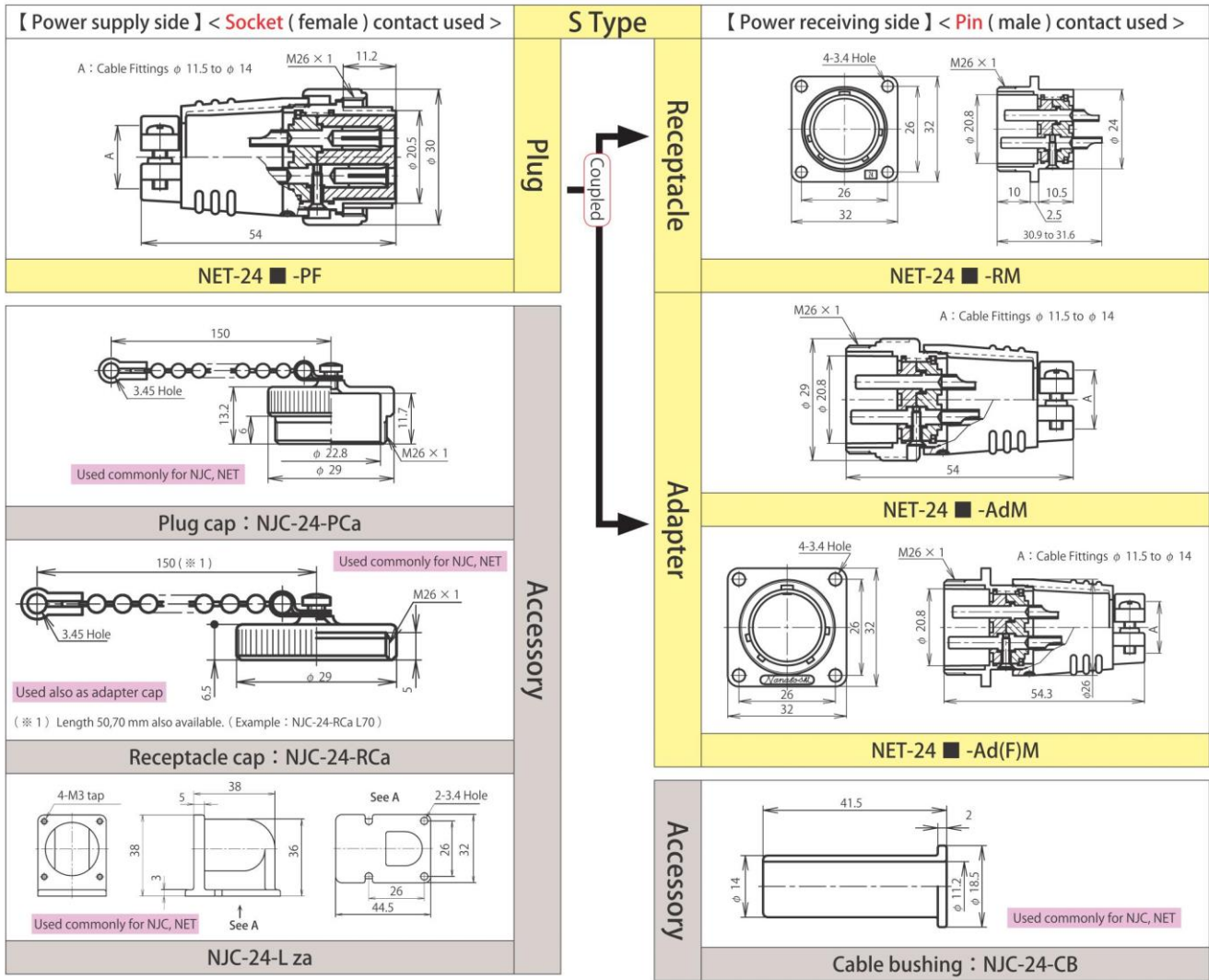
■ indicates the number of contacts.

Shell size	Number of Contacts	3	4
24	Contact arrangement <When viewed from the pin (male) contact coupling side>		
	Safety standard (Note-1)	UL · CSA , TÜV	
	Rating	250V	
		20A	15A
	Withstand voltage (V r.m.s.)	1,500	
Wire size AWG		#12	#14

The cable to use should have a conductor cross sectional area shown in the left-side table.

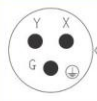
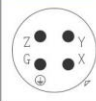
Note-1 : All connectors are UL · CSA , TÜV certified. Not necessary to specify a standard by a product name. For safety standards, see pp.127 and 130.

NET Series Shell Size 24



NET 24

■ indicates the number of contacts.

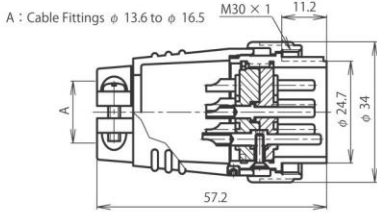
Shell size	Number of Contacts	3	4
24	Contact arrangement <When viewed from the pin (male) contact coupling side>		
	Safety standard (Note-1)	UL·CSA , TÜV	
	Rating	250V	
		20A	15A
	Withstand voltage (V r.m.s.)	1,500	
Wire size AWG	#12	#14	

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NET Series Shell Size 28

【 Power receiving side 】 < Pin (male) contact used >

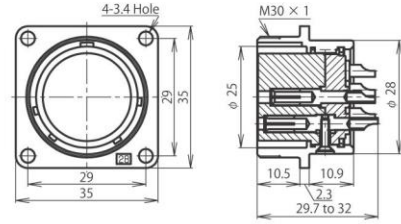


NET-28 ■ -PM

Plug

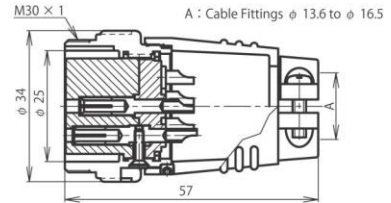
Coupled

【 Power supply side 】 < Socket (female) contact used >



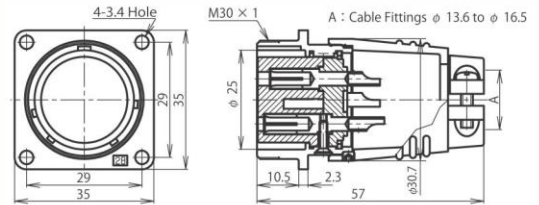
NET-28 ■ -RF

Receptacle

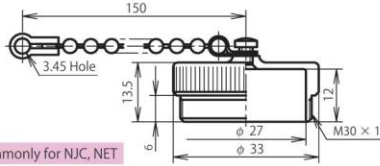


NET-28 ■ -AdF

Adapter

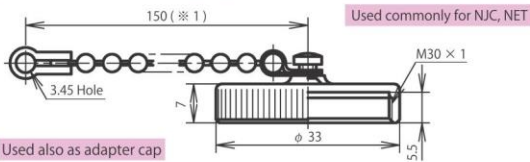


NET-28 ■ -Ad(F)F



Used commonly for NJC, NET

Plug cap : NJC-28-PCa

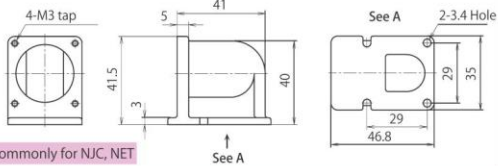


Used commonly for NJC, NET

Used also as adapter cap

(※ 1) Length 70 mm also available. (Example : NJC-28-RCa L70)

Receptacle cap : NJC-28-RCa



Used commonly for NJC, NET

NJC-28-L za

Accessory

NET

28

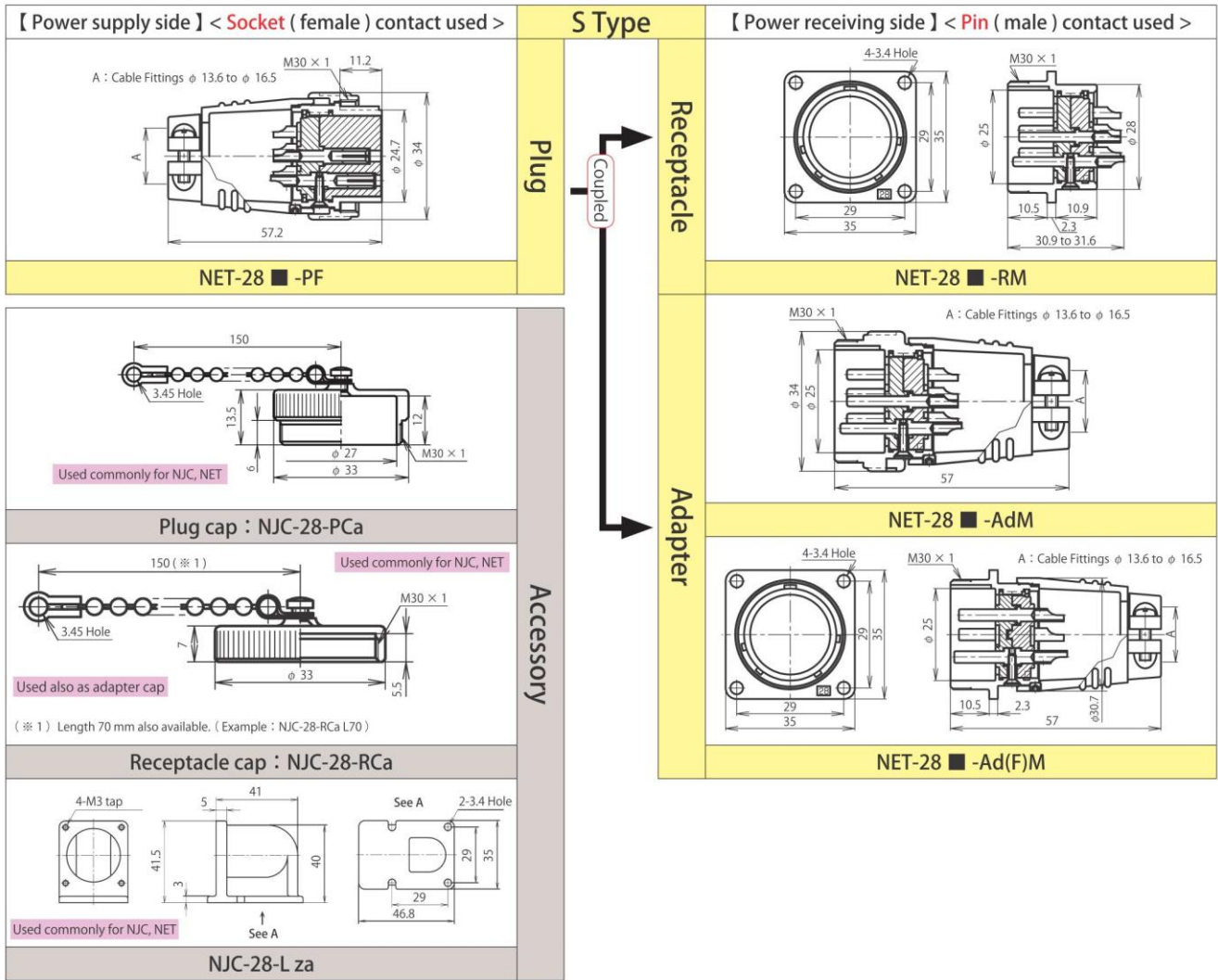
■ indicates the number of contacts.

Shell size	Number of Contacts	4	8
28	Contact arrangement <When viewed from the pin (male) contact coupling side>		
	Safety standard (Note-1)	UL・CSA , TÜV	
	Rating	250V	
		20A	15A
	Withstand voltage (V r.m.s.)	1,500	
Wire size AWG	#12	#14	

The cable to use should have a conductor cross sectional area shown in the left-side table.

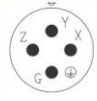

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NET Series Shell Size 28



NET
28

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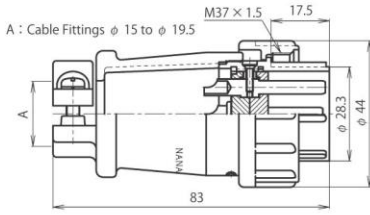
Shell size	Number of Contacts	4	8
28	Contact arrangement <When viewed from the pin (male) contact coupling side>		
	Safety standard (Note-1)	UL·CSA , TÜV	
	Rating	250V	
	Withstand voltage (V r.m.s.)	1,500	
	Wire size AWG	#12	#14

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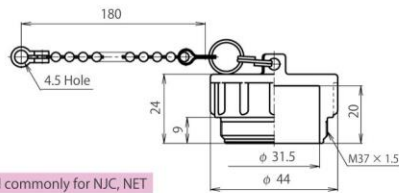
Note-1 : All connectors are UL · CSA , TÜV certified. Not necessary to specify a standard by a product name. For safety standards, see pp.127 and 130.

NET Series Shell Size 32

【 Power receiving side 】 < Pin (male) contact used >

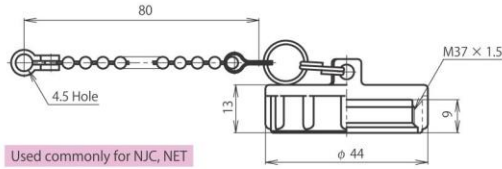


NET-32 ■ -PM



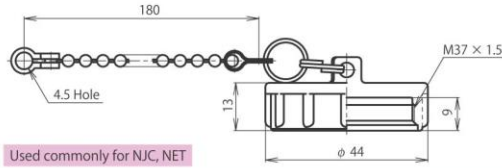
Used commonly for NJC, NET

Plug cap : NJC-32-PCa



Used commonly for NJC, NET

Receptacle cap : NJC-32-RCa

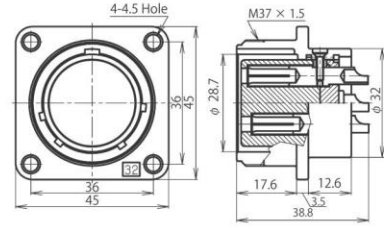


Used commonly for NJC, NET

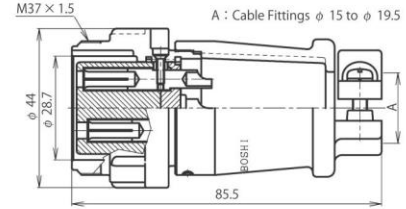
Adapter cap : NJC-32-AdCa

G Type

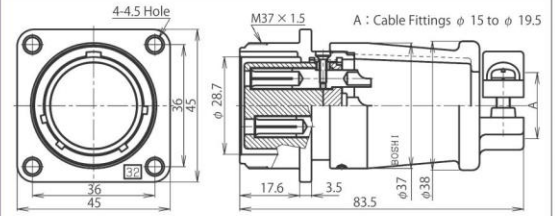
【 Power supply side 】 < Socket (female) contact used >



NET-32 ■ -RF



NET-32 ■ -AdF



NET-32 ■ -Ad(F)F

Plug

Receptacle



Adapter

Accessory

NET

32

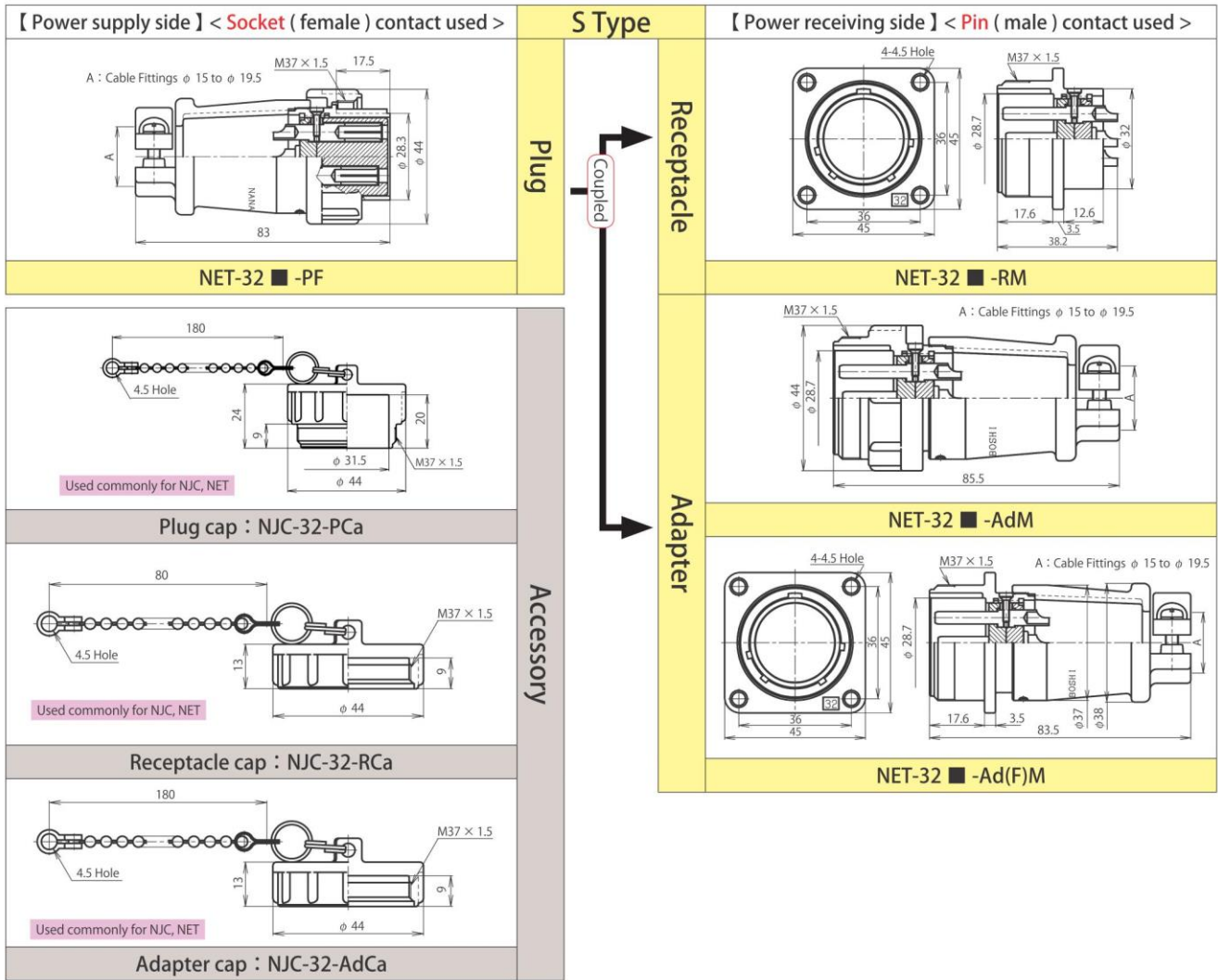
■ indicates the number of contacts.

Shell size	Number of Contacts	3	4
32	Contact arrangement <When viewed from the pin (male) contact coupling side>		
	Safety standard (Note-1)	UL · CSA , TÜV	
	Rating	250V 30A	
	Withstand voltage (V r.m.s.)	2,000	
	Wire size AWG	#10	

The cable to use should have a conductor cross sectional area shown in the left-side table.



Note-1 : All connectors are UL · CSA , TÜV certified. Not necessary to specify a standard by a product name. For safety standards, see pp.127 and 130.

NET Series Shell Size 32



NET
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