

CEE Industrial Connector Systems

as per DIN VDE 0623 Part 1/EN 60309/IEC 60309



SPECIAL FEATURES:

Housing and Inserts

- breakproof and impact-resistant, highly resistant to wear and abrasion
 - high resistance to cold and hot temperatures
 - cadmium- and halogen-free
 - very strong resistance to a large number of different chemicals
- long service life, even under demanding conditions
 - **cost savings**
 - dimensionally stable and safe from -25° to +80°
 - low impact on the environment
 - safe during use, even under extreme working conditions

Contacts

- all pins and connectors are nickel-plated
- increased level of corrosion resistance, prevents pins and connectors from sticking

Terminal Screws

- easily accessible from one direction
 - safeguarded against accidental removal when open (ready-to-connect)
- convenient handling during the connection process
 - time savings

Time position of the earthing contact and color coding:

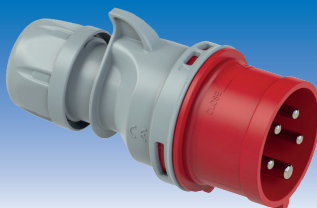
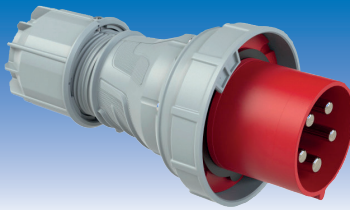
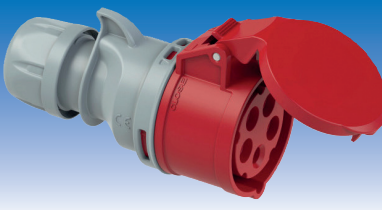
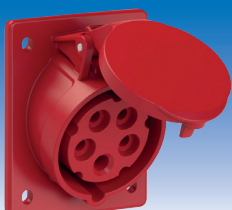
	4h	9h	6h	11h	7h	5h	12h	1h	10h	2h	3h	8h
Frequency [Hz]	50-60	50-60	50-60	60	50-60	50-60	50-60	-	100-300	over 300 to 500	50-60	
Voltage [V]	57/100 to 75/130	120/208 to 144/250	200/346 to 240/415	250/400 to 265/460	277/480 to 288/500	347/600 to 400/690		over 50	over 50	over 50	220/380 to 250/440 16+32 A	
5-pol. 3-pol.+N+≡												
Voltage [V]	100-130	200-250	380-415	440-460	480-500	600-690	voltage according to isolating transformer		over 50	over 50	380-440 only for 16+32 A	
4-pol. 3-pol.+≡												
Voltage [V]	100-130	380-415	200-250		480-500	277	voltage according to isolating transformer				over 50 to 250 direct current	over 250 direct current
3-pol. 2-pol.+≡												

View of the contact sockets as seen from the front side of the connector sockets.
63 A + 125 A plug connectors with pilot contact.

Position of auxiliary nose to earth nose for voltages up to 50 V and frequencies up to 500 Hz and color coding.:

	-	12h	4h	2h	3h	11h	10h
Frequency [Hz]	50-60	50-60	100-200	300	400	over 400 to 500	GS
Voltage [V]	20-25	40-50	40-50	to 50	to 50	to 50	to 50
2-pole							
3-pole							

View of the contact sockets as seen from the front side of the connector sockets.

Item Numbers						Industrial Connector Systems	
110 V ~ 50–60 HZ 4 h	230 V ~ 50–60 HZ	400 V ~ 50–60 HZ 6 h	500 V ~ 50–60 HZ 7 h	> 50 V ~ 100–300 HZ 10 h	> 50 V ~ 301–500 HZ 2 h	Plugs Connectors Surface-Mounted Sockets (tilted)	Nominal Current Amperes
Number of poles							
S1113 S1114	S2213 S2214	S3814 S3815	S5014	S50110H	S5012H		3 16 4 16 5 16
S1133 S1134	S2233 S2234	S3834 S3835	S5034	S50310H	S5032H		3 32 4 32 5 32
S1163 S1164	S2263 S2264	S3864 S3865	S5064	S50610H	S5062H		3 63 4 63 5 63
		S38X4 S38X5	S50X4				3 125 4 125 5 125
K1113 K1114	K2213 K2214	K3814 K3815	K5014	K50110H	K5012H		3 16 4 16 5 16
K1133 K1134	K2233 K2234	K3834 K3835	K5034	K50310H	K5032H		3 32 4 32 5 32
K1163 K1164	K2263 K2264	K3864 K3865	K5064	K50610H	K5062H		3 63 4 63 5 63
		K38X4 K38X5	K50X4				3 125 4 125 5 125
AD1113S AD1114S	AD2213S AD2214S	AD3814S AD3815S	AD5014S	AD50110HS	AD5012HS		3 16 4 16 5 16
AD1133S AD1134S	AD2233S AD2234S	AD3834S AD3835S	AD5034S	AD50310HS	AD5032HS		3 32 4 32 5 32
AD1163S AD1164S	AD2263S AD2264S	AD3864S AD3865S	AD5064S	AD50610HS	AD5062HS		3 63 4 63 5 63
		AD38X4S AD38X5S	AD50X4S				3 125 4 125 5 125

– further models (e.g. screwless connection) on request / subject to modification and errors –



screw terminals: 16 A / 32 A

Screw terminals 16 A / 32 A

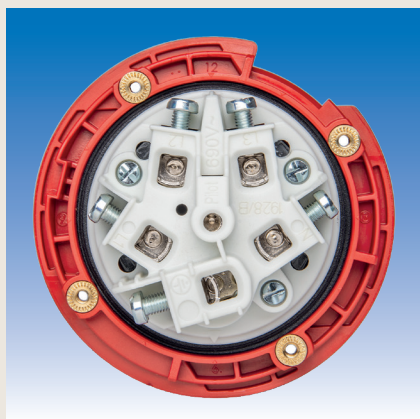
- Captive screws accessible from one direction
- Opened combination slotted screws



screwless connection technology: 16 A / 32 A

Screwless connection technology 16 A / 32 A

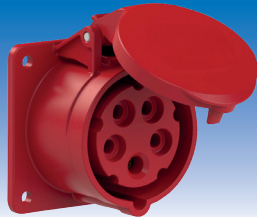
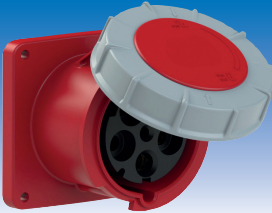
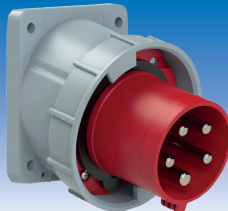
- Screwless clamping technology
- Time savings during connection
- Open contact terminals ensure quick connection
- Quick and easy cable insertion



frame clamp: 63 A / 125 A

Frame clamp 63 A / 125 A

- Leads are protected by optimal clamping
- Combination slot screws (63 A)
- Hexagon socket screw (125 A)

Item Numbers						Industrial Connector Systems		
110 V ~ 50–60 HZ 4 h	230 V ~ 50–60 HZ	400 V ~ 50–60 HZ 6 h	500 V ~ 50–60 HZ 7 h	> 50 V ~ 100–300 HZ 10 h	> 50 V ~ 301–500 HZ 2 h	Number of poles	Nominal Current Amperes	Surface-Mounted Sockets (straight) Surface-Mounted Plug Connectors Wall Sockets
AD1113 AD1114	AD2213 AD2214	AD3814 AD3815	AD5014	AD50110H	AD5012H	3 4 5	16 16 16	
AD1133 AD1134	AD2233 AD2234	AD3834 AD3835	AD5034	AD50310H	AD5032H	3 4 5	32 32 32	
AD1163 AD1164	AD2263 AD2264	AD3864 AD3865	AD5064			3 4 5	63 63 63	
		AD38X4 AD38X5	AD50X4			3 4 5	125 125 125	
straight version	AGS2213 AGS2214	AGS3814 AGS3815	AGS5014			3 4 5	16 16 16	
	AGS2233 AGS2234	AGS3834 AGS3835	AGS5034			3 4 5	32 32 32	
sloping design	ASS2263 ASS2264	ASS3864 ASS3865	ASS5064			3 4 5	63 63 63	
		ASS38X4 ASS38X5	ASS50X4			3 4 5	125 125 125	
WSD1113S WSD1114S	WSD2213 WSD2214	WSD3814 WSD3815	WSD5014	WSD50110H	WSD5012H	3 4 5	16 16 16	
WSD1133 WSD1134	WSD2233 WSD2234	WSD3834 WSD3835	WSD5034	WSD50310H	WSD5032H	3 4 5	32 32 32	
	WSD2263 WSD2264	WSD3864 WSD3865	WSD5064			3 4 5	63 63 63	
		WSD38X4 WSD38X5	WSD50X4			3 4 5	125 125 125	

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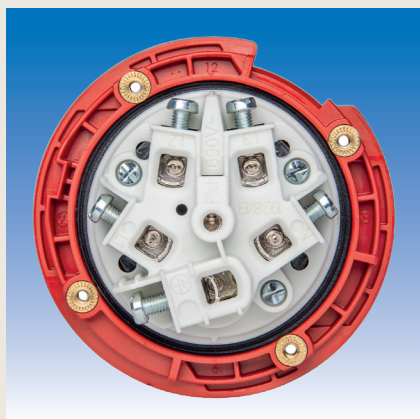
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Frame clamp 63 A / 125 A

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Item Numbers

24 V ~
50–60 HZ

42 V ~
50–60 HZ

Pole Number
Nominal Current: Ampere

Plug

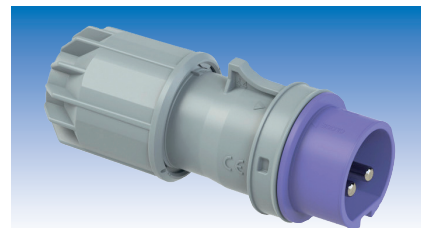
Connector

Surface-Mounted Socket (tilted)

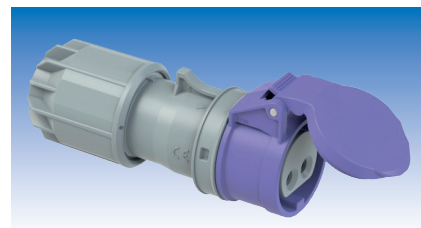
Surface-Mounted Socket (straight)

Wall Socket

	S2412		S4212			2	16
	S2413		S4213			3	16
	S2432		S4232			2	32
	S2433		S4233			3	32



	K2412		K4212			2	16
	K2413		K4213			3	16
	K2432		K4232			2	32
	K2433		K4233			3	32



straight model	AD2412		AD4212			2	16
	AD2413		AD4213			3	16
	AD2432		AD4232			2	32
	AD2433		AD4233			3	32
tilted model	AD2412MS		AD4212MS			2	16
	AD2413MS		AD4213MS			3	16
	AD2432MS		AD4232MS			2	32
	AD2433MS		AD4233MS			3	32



	WSD2412		WSD4212			2	16
	WSD2413		WSD4213			3	16
	WSD2432		WSD4232			2	32
	WSD2433		WSD4233			3	32



400 V ~
50–60 HZ
6 h

Phase Inverter Plug

		PW3815				5	16
		PW3835				5	32



– further models on request / subject to modification and errors –