



01597E00

Socket-Outlet Assemblies Series 8146 and Series 8125

- Explosion protection to
 - CENELEC
 - IEC
- For use in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- Enclosures available in
 - glass-fibre reinforced polyester resin (Series 8146)
 - stainless - steel or sheet - steel (Series 8125)
- Fitted to order with flange sockets
 - 16 A extra low voltage, 2 or 3 pole versions
 - 16 A, in 3, 4 or 5 pole versions
 - 32 A, 63 A, 125 A in 3, 4 or 5 pole versions

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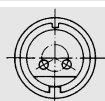
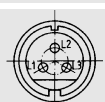
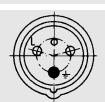
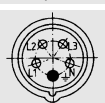
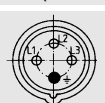
Series 8146 and Series 8125 socket-outlet assemblies are installed in hazardous areas where it is repeatedly necessary to use electrical equipment at short notice.

The individual socket-outlets can be protected by fuses 8561, miniature circuit breakers 8562 or earth leakage circuit breakers 8562. Switches 8543 and 8548 are available to isolate the entire assembly.

Because of the variety of assembly versions it is not possible to standardize. The assemblies are manufactured to order depending on the application.

Zones 1 & 2, 21 & 22

The socket-outlet assemblies are manufactured to order depending on the application.

Selection table								
Version	Number of pins	Voltage [V]	Colour	Frequency [Hz]	h	Odering code		
16 A Flange socket, 8575/15 for extra low voltage fitted in enclosure 8146 or 8125	 2 P	20 - 25	violet	50/60	- -	8575/15-100		
		20 - 25	violet	DC	10	8575/15-110		
		40 - 50	light grey	50/60	12	8575/15-112		
	 3 P	20 - 25	violet	50/60	- -	8575/15-200		
		40 - 50	light grey	50/60	12	8575/15-212		
	16 A Flange socket, 8570/15 for low voltage fitted in enclosure 8146 or 8125	 3 P (2 P + $\frac{1}{2}$)	100 - 130	yellow	50/60	4	8570/15-304	
200 - 250			blue	50/60	6	8570/15-306		
 4 P (3 P + $\frac{1}{2}$)		200 - 250	blue	50/60	9	8570/15-409		
		380 - 415	red	50/60	6	8570/15-406		
		480 - 500	black	50/60	7	8570/15-407		
		600 - 690	black	50/60	5	8570/15-405		
 5 P (3 P + N + $\frac{1}{2}$)		120/208 - 144/250	blue	50/60	9	8570/15-509		
		200/346 - 240/415	red	50/60	6	8570/15-506		
		277/480 - 288/500	black	50/60	7	8570/15-507		
		347/600 - 400/690	black	50/60	5	8570/15-505		
32 A Flange socket, 8571/15 for low voltage fitted in enclosure 8146 or 8125		 4 P (3 P + $\frac{1}{2}$)	200 - 250	blue	50/60	9	8571/15-409	
			380 - 415	red	50/60	6	8571/15-406	
			480 - 500	black	50/60	7	8571/15-407	
			600 - 690	black	50/60	5	8571/15-405	
		 5 P (3 P + N + $\frac{1}{2}$)	200/346 - 240/415	red	50/60	6	8571/15-506	
			277/480 - 288/500	black	50/60	7	8571/15-507	
	63 A Flange socket, 8579A for low voltage fitted in enclosure 8146 or 8125		 4 P (3 P + $\frac{1}{2}$)	380 - 415	red	50/60	6	8579A406-0174
				480 - 500	black	50/60	7	8579A407-0174
 5 P (3 P + N + $\frac{1}{2}$)		200/346 - 240/415	red	50/60	6	8579A506-0174		
		277/480 - 288/500	black	50/60	7	8579A507-0174		
125 A Flange socket, 8581A for low voltage fitted in enclosure 8125/8	 4 P (3 P + $\frac{1}{2}$)	380 - 415	red	50/60	6	8581A406-0177		
		480 - 500	black	50/60	7	8581A407-0177		
	 5 P (3 P + N + $\frac{1}{2}$)	200/346 - 240/415	red	50/60	6	8581A506-0177		
		480 - 500	black	50/60	7	8581A507-0177		
Other versions on request								

Technical Data
Version
Socket-outlet assemblies 8146
Explosion protection

Gas explosion protection

II 2 G EEx ed IIC T6, T5 or T4

Dust explosion protection

II 2 D IP 66 T80 °C, T95 °C resp. T130 °C

Certificates

Gas explosion protection

PTB 01 ATEX 1024

Dust explosion protection

LCIE 02 ATEX 6241

Enclosure material

Polyester resin

Degree of protection

IP 66

Ambient temperature

 - 20 °C ... + 40 °C
 - 50 °C ... + 55 °C on request

Version
Socket-outlet assemblies 8125
Explosion protection

Gas explosion protection

II 2 G EEx ed IIC T6, T5 or T4

Dust explosion protection

II 2 D IP 66 T80 °C, T95 °C resp. T130 °C

Certificates

Gas explosion protection

PTB 01 ATEX 1001

Dust explosion protection

LCIE 03 ATEX 6292

Enclosure material

 depending on the version:
 sheet steel, galvanized, painted, light grey, RAL 7032
 or stainless steel without painting (painting possible to order)

Degree of protection

IP 66

Ambient temperature

 - 20 °C ... + 40 °C
 - 50 °C ... + 55 °C on request

Note

all units will be assembled at the factory. Other technical data see under plugs and sockets

 We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice.
 The illustrations cannot be considered binding.