



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

STAHL

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.

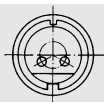










The individual socket-outlets can be protected by fuses 8561, miniature circuit breakers 8562 or earth leakage circuit breakers 8562. Switches 8543 and 8548 are available to isolate the entire assembly.

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	Ordering code	
16 A Flange socket, 8575/15 for extra low voltage fitted in enclosure 8146 or 8125	 2 P <small>06193E00</small>	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 <small>06199E00</small>	20 - 25	violet	50/60	--	8575/15-200	
		40 - 50	light grey	50/60	12	8575/15-212	
		Other versions on request					
16 A Flange socket, 8570/15 for low voltage fitted in enclosure 8146 or 8125	 3 P (2 P + $\frac{1}{2}$) <small>06190E00</small>	100 - 130	yellow	50/60	4	8570/15-304	
		200 - 250	blue	50/60	6	8570/15-306	
	 4 P (3 P + $\frac{1}{2}$) <small>06556E00</small>	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 + $\frac{1}{2}$) <small>06555E00</small>	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 + $\frac{1}{2}$) <small>06556E00</small>	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 + $\frac{1}{2}$) <small>06555E00</small>		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 + $\frac{1}{2}$) <small>06556E00</small>	380 - 415	red	50/60	6	8579A406-0174	
		480 - 500	black	50/60	7	8579A407-0174	
	 5 P (3 P + N + $\frac{1}{2}$) <small>06555E00</small>	200/346 - 240/415	red	50/60	6	8579A506-0174	
		277/480 - 288/500	black	50/60	7	8579A507-0174	
		Other versions on request					
		Other versions on request					
125 A Flange socket, 8581A for low voltage fitted in enclosure 8125/8	 4 P (3 P + $\frac{1}{2}$) <small>06556E00</small>	380 - 415	red	50/60	6	8581A406-0177	
		480 - 500	black	50/60	7	8581A407-0177	
	 5 P (3 P + N + $\frac{1}{2}$) <small>06555E00</small>	200/346 - 240/415	red	50/60	6	8581A506-0177	
		480 - 500	black	50/60	7	8581A507-0177	
		Other versions on request					
		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.