

# Socket Outlet Assemblies

Series 8146, 8125



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10367E00

- > Enclosure made of
  - glass fibre reinforced polyester resin (Series 8146)
  - Stainless steel 1.4404 or galvanised sheet steel (Series 8125)
- > Fitted with flange sockets according to the order
  - 16 A for extra-low voltage, 2 or 3 pole version
  - 16 A, 3, 4 or 5 pole version
  - 32 A, 63 A, 125 A, 4 or 5 pole version

E3



The socket outlet assemblies of the Series 8146 and 8125 are installed in hazardous areas where mobile electrical equipment are used for a short time.

Enclosures made of glass fibre reinforced polyester resin, galvanised stainless steel or steel sheet can be selected.

The individual socket outlets can be protected by fuses of the Series 8561, miniature circuit breaker of the Series 8562 or residual current circuits of the Series 8562.

To disconnect the complete distributor from the mains, the switches of the Series 8544 and 8549 are available.

The socket outlet assemblies are manufactured to order.

	ATEX						Class I (NEC 505) (NEC 506)						Class II		Class III			
	Zone 0		Zone 1		Zone 2		Zone 0		Zone 1		Zone 2		Division 1		Division 2			
For use in	0	1	2	20	21	22	0	1	2	20	21	22	1	2	1	2	1	2
8146 with 8570, 8571		x	x		x	x		x	x		x	x		x		x		
8146 with 8575, 8579A		x	x			x												
8125 with 8570, 8571		x	x			x												
8125 with 8575, 8579A		x	x			x												

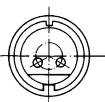
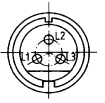

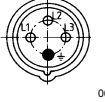

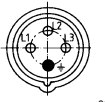

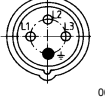

WebCode 8146C

## Socket Outlet Assemblies

### Series 8146, 8125

The socket outlet assemblies are manufactured to order.

**Selection Table**



Version	Number of poles	Voltage [V]	Identification colour	Frequency [Hz]	h	Order number	
16 A flange socket 8575/15 for extra-low voltage mounted in the enclosure 8146 or 8125	 2 P <small>06193E00</small>	20 ... 25	violet	50 / 60	--	<b>8575 / 15-100</b>	
		20 ... 25	violet	DC	10	<b>8575 / 15-110</b>	
		40 ... 50	light grey	50 / 60	12	<b>8575 / 15-112</b>	
	 3 P <small>06199E00</small>	20 ... 25	violet	50 / 60	--	<b>8575 / 15-200</b>	
		40 ... 50	light grey	50 / 60	12	<b>8575 / 15-212</b>	
	16 A flange socket 8570/15 for low voltage mounted in the enclosure 8146 or 8125	 3 P (2 P + $\frac{1}{2}$ ) <small>06190E00</small>	100 ... 130	yellow	50 / 60	4	<b>8570 / 15-304</b>
200 ... 250			blue	50 / 60	6	<b>8570 / 15-306</b>	
 4 P (3 P + $\frac{1}{2}$ ) <small>06556E00</small>		200 ... 250	blue	50 / 60	9	<b>8570 / 15-409</b>	
		380 ... 415	red	50 / 60	6	<b>8570 / 15-406</b>	
		480 ... 500	black	50 / 60	7	<b>8570 / 15-407</b>	
		600 ... 690	black	50 / 60	5	<b>8570 / 15-405</b>	
 5 P (3 P + N + $\frac{1}{2}$ ) <small>06555E00</small>		120 / 208 ... 144 / 250	blue	50 / 60	9	<b>8570 / 15-509</b>	
		200 / 346 ... 240 / 415	red	50 / 60	6	<b>8570 / 15-506</b>	
		277 / 480 ... 288 / 500	black	50 / 60	7	<b>8570 / 15-507</b>	
		347 / 600 ... 400 / 690	black	50 / 60	5	<b>8570 / 15-505</b>	
32 A flange socket 8571/15 for low voltage mounted in the enclosure 8146 or 8125		 4 P (3 P + $\frac{1}{2}$ ) <small>06556E00</small>	200 ... 250	blue	50 / 60	9	<b>8571 / 15-409</b>
			380 ... 415	red	50 / 60	6	<b>8571 / 15-406</b>
	480 ... 500		black	50 / 60	7	<b>8571 / 15-407</b>	
	600 ... 690		black	50 / 60	5	<b>8571 / 15-405</b>	
	 5 P (3 P + N + $\frac{1}{2}$ ) <small>06555E00</small>	200 / 346 ... 240 / 415	red	50 / 60	6	<b>8571 / 15-506</b>	
		277 / 480 ... 288 / 500	black	50 / 60	7	<b>8571 / 15-507</b>	
		 4 P (3 P + $\frac{1}{2}$ ) <small>06556E00</small>	380 ... 415	red	50 / 60	6	<b>8579A406-0174</b>
			480 ... 500	black	50 / 60	7	<b>8579A407-0174</b>
 5 P (3 P + N + $\frac{1}{2}$ ) <small>06555E00</small>	200 / 346 ... 240 / 415	red	50 / 60	6	<b>8579A506-0174</b>		
	277 / 480 ... 288 / 500	black	50 / 60	7	<b>8579A507-0174</b>		

# Socket Outlet Assemblies

Series 8146, 8125



Selection Table

Version	Number of poles	Voltage [V]	Identification colour	Frequency [Hz]	h	Order number
125 A flange socket 8581A for low voltage mounted in the enclosure 8125/8	 06556E00 4 P (3 P + $\frac{1}{2}$ )	380 ... 415	red	50 / 60	6	<b>8581A406-01776</b>
		480 ... 500	black	50 / 60	7	<b>8581A407-0177</b>
	 06555E00 5 P (3 P + N + $\frac{1}{2}$ )	200 / 346 ... 240 / 415	red	50 / 60	6	<b>8581A506-0177</b>
		480 ... 500	black	50 / 60	7	<b>8581A507-0177</b>

Further version are available on request.

## Explosion Protection

### Marking

Europe (ATEX)

Gas explosion protection

⊕ II 2 G Ex ed IIC T6, T5, T4

Dust explosion protection

⊕ II 2 D Ex tD A21 IP66 T80°C, T95°C, T130°C

### Certificates

Version

Europe (ATEX)

**Socket outlet assemblies 8146**

PTB 01 ATEX 1024

**Socket outlet assemblies 8125**

PTB 01 ATEX 1001

## Technical Data

### Environmental conditions

Ambient temperature

- 20 ... + 40 °C

- 50 ... + 55 °C on request

### Mechanical Data

Version

Degree of protection

Enclosure material

**Socket outlet assemblies 8146**

IP66

Polyester resin, glass fibre-reinforced

**Socket outlet assemblies 8125**

IP66

Galvanised steel sheet, painted in light grey (RAL 7032) or electropolished stainless steel, 1.4404 (ANSI 316) (other colours on request)

Note

All components are installed in the factory.

For other technical data, please refer to the item Plugs and sockets.

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

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