Installation equipment

Wall-mounted socket distributor for clean rooms

STAHL

8150/5-V88-35122-2305   Art. No. 259645

- Mounting flush with the wall with a hygienic design
- Stainless steel enclosure in AISI 316L with a covered sealing system
- A locked switch prevents the connector from being inadvertently pulled out under load
- Versions with single or dual sockets
- Current levels of 16 A and/or 32 A

MY R. STAHL 8150E

The wall-mounted socket distributors for clean rooms from series 8150/5-V88 have been developed for all applications in which particle contamination can affect the quality, purity or service life of a product. For example, in the pharmaceutical industry an excessive particle content restricts the purity of medication, while in the semiconductor industry particles can shorten the service life of components such as chips, LEDs or touchscreens. Other fields include the optical industry (production of lenses and microscopes), the food industry, and the life science and laboratory sectors. With their clear structure and hygienic design, the socket distributors can be installed flush with the wall in the aforementioned areas according to the necessary classification.

Technical Data

Explosion Protection	
Scope of validity	European Union (ATEX)
	IECEx
	India (PESO)
Application range (zones)	1
	2
	21
	22
IECEx gas certificate	IECEx PTB 09.0049
IECEx gas explosion protection	Ex db eb IIC T6 Gb
IECEx dust certificate	IECEx PTB 09.0049
IECEx dust explosion protection	Ex tb IIIC T80 °C Db
ATEX gas certificate	PTB 09 ATEX 1109
ATEX gas explosion protection	⟨Ex⟩ II 2 G Ex db eb IIC T6 Gb
ATEX dust certificate	PTB 09 ATEX 1109
ATEX dust explosion protection	⟨Ex⟩ II 2 D Ex tb IIIC T80 °C Db
Certificates	ATEX (PTB), IECEx (PTB), India (PESO)
Electrical Data	
Looping through possible	Yes
Ambient Conditions	
Ambient temperature	-50 °C ... +40 °C
Ambient temperature	-58°F ... +104°F
Mechanical Data	
Degree of protection (IP) (IEC 60529)	IP66
IP degree of protection (IEC 60079)	IP64

2024-01-21
V 0.54 EN

R. STAHL Schaltgeräte GmbH | Am Bahnhof 30 | 74638 WALDENBURG
Tel. +49 7942 943 1700 | +49 7942 943 1777 | Email: sales.de@r-stahl.com | r-stahl.com

1/3

Installation equipment

Wall-mounted socket distributor for clean rooms

8150/5-V88-35122-2305   Art. No. 259645

Mechanical Data

Enclosure material	Stainless steel 1.4404, (AISI 316L), brush finished
Silicone-free	No
Width	238 mm
Width in inches	9.37 in
Height	157.5 mm
Height, inches	6.2 in
Length	287 mm
Length, inches	11.3 in
Seal	Silicone, foamed
Enclosure size	176,5x176,5x91 mm
Weight	4.7 kg
Weight	10.36 lb

Components

Stopping plugs	4 x M25 x 1.5
Stopping plug material	Polyamide, black
Number of sockets 1	1
Socket 1 type	8572/15
Rated operating voltage socket 1	277 V
Socket 1 frequency	60 Hz
Rated operating current socket 1	16 A
Number of poles on socket 1	3
Socket 1 colour code	Light grey
Socket 1 coding	5
Terminal type socket 1	Phoenix UT 4 Phoenix UT 4-PE
Socket 1 connec. cross-section	4 mm²
Socket 1 enclosure material	Polyamide, glass fibre reinforced
Switching capacity 1	AC-3: 277 V/16 A
Switching capacity 1 note	according to IEC/EN 60947-3

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations
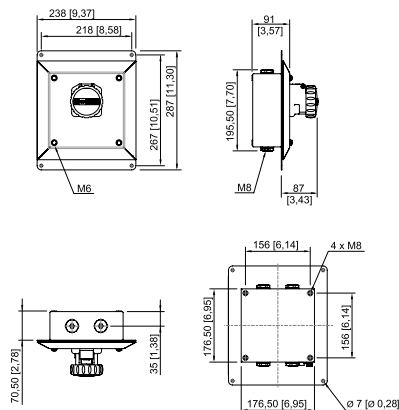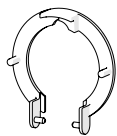

8150/5-V88 with 8572/15, 16 A

Accessories

2024-01-21
V 0.54 EN

R. STAHL Schaltgeräte GmbH | Am Bahnhof 30 | 74638 WALDENBURG
Tel. +49 7942 943 1700 | +49 7942 943 1777 | Email: sales.de@r-stahl.com | r-stahl.com

2/3

8150/5-V88-35122-2305   Art. No. 259645

Dust cover for sockets, compact, series 8572/13		Art. No.
	Retrofittable dust protection for 3-pole sockets	257438

Plug		Art. No.
	8570/12-305-S-XX-X-XX-XXX 3-pole plug, 277 V AC, 60 Hz, 16 A	272897

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.