

8150/5-V88-28320-3304-3407 PlugSocket Art. No. 313037



- Available with single or duplex receptacles, in 20 A or 30 A with a variety of voltages and pin configurations
- Color coding and pin configuration makes it physically impossible to mate plugs and receptacles of different voltages and current ratings (per IEC 60 309-2)
- Flush mounting, smooth contours for easy cleaning
- Enclosure made of 316L brushed stainless steel with concealed gasket
- Interlocked switch mechanism prevents accidental removal of plug from receptacle under load

MY R. STAHL 8150S

Designed for use in controlled environments; specifically those that are hazardous (classified) locations; these flush-mounted socket distributors support easy cleaning and are free of contaminant holding cavities. Ideal for clean rooms in the pharmaceutical, optical, food, fine chemical and life science industries. The product is quad-certified for use in harsh environments, listed to North American (US and CA) standards, as well as certified for IECEx and ATEX.

Technical Data

Explosion Protection	
Area of application	European Union (ATEX) Canada USA IECEx
Application range (zones)	1, 2, 21, 22
IECEx gas certificate	IECEx PTB 09.0049
IECEx gas explosion protection	Ex db eb IIC T4 Gb
IECEx dust certificate	IECEx PTB 09.0049
IECEx dust explosion protection	Ex tb IIIC T130 °C Db
ATEX gas certificate	PTB 09 ATEX 1109
ATEX gas explosion protection	II 2 G Ex db eb IIC T4 Gb
ATEX dust certificate	PTB 09 ATEX 1109
ATEX dust explosion protection	II 2 D Ex tb IIIC T130 °C Db
FMus certificate	FM22US0051X
Marking FMus	Class I, Div. 2, Groups A,B,C,D; Class II, III, Div. 1, Groups E,F,G, T4; Type 3, 4, 4X, IP66 Class I, Zone 1, AEx db eb IIC T4 Gb; Zone 21, AEx tb IIIC T85°C Db Ta = -50 °C to +40 °C
cFM certificate	FM22CA0038X
Marking cFM	Class 1, Zone 1, Ex db eb IIC T4 Gb; Class I, Div. 2, Groups A,B,C,D; Class II, III, Div. 1, Groups E,F,G, Enclosure Type 3, 4, 4X, IP66 Ex tb IIIC T85°C Db
Certificates	ATEX (PTB), Canada (FM), IECEx (PTB), USA (FM)

Installation equipment

Wall-mounted socket distributor for clean rooms

STAHL

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Electrical Data

Looping through possible	Yes
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Ambient Conditions

Ambient temperature °C	-50 °C ... +40 °C
Ambient temperature °F	-58°F ... +104°F

Mechanical Data

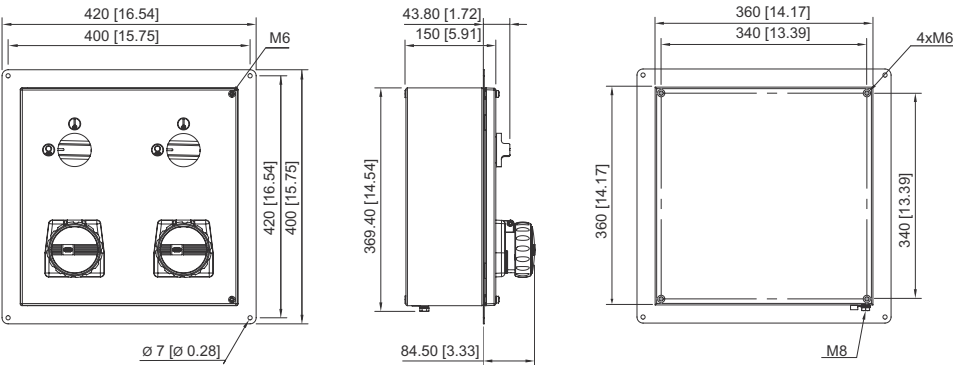
Degree of protection (IP) (IEC 60529)	IP66
IP degree of protection (IEC 60079)	IP64
Enclosure material	Stainless steel 1.4404, (AISI 316L), brush finished
Silicone-free	No
Seal	Silicone, foamed
Width	420 mm
Width, inches	16.535 in
Height	214 mm
Height in inches	8.425 in
Length	420 mm
Length in inches	16.54 in
Enclosure size	360x360x150
Weight	12.5 kg
Weight	27.56 lb

Components

Cable glands and entries	without
Number of receptacles 1	2
Receptacle 1 type	8570/28
Rated operating voltage receptacle 1	100 ... 130 V
Receptacle 1 frequency	50/60 Hz
Rated operating current receptacle 1	20 A
Number of poles on receptacle 1	2
Socket 1 colour code	Yellow
Receptacle 1 coding	4
Terminal type socket 1	Phoenix UT 4
Receptacle 1 connection cross-section	4 mm ²
Socket 1 enclosure material	Polyamide, glass fibre reinforced
Switching capacity 1	AC-3: 277 V/20 A
Number of receptacles 2	1
Receptacle 2 type	8570/28
Rated operating voltage receptacle 2	480 ... 500 V
Receptacle 2 frequency	50/60 Hz
Rated operational current receptacle 2	20 A
Number of poles on receptacle 2	3
Socket 2 colour code	Red
Receptacle 2 coding	7
Terminal type socket 2	Phoenix UT 4
Receptacle 2 connection cross-section	4 mm ²
Socket 2 enclosure material	Polyamide, glass fibre reinforced
Switching capacity 2	AC-3: 277 V/16 A

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



8150/5-V88-83.-3...-3...

Accessories

Plug		Art. No.
	plug, 2-pole, 3 wire, 100 to 130 V AC, 50 / 60 Hz, 20 A	291381
	plug, 3-pole, 4 wire, 480 V AC, 50 / 60 Hz, 20 A	291379

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.