



Sheet Steel Light Fitting Series 6414

- Can be used in Zone 2
- With electronic ballast
- For two-pin fluorescent lamps
1- , 2-, 3- or 4-lamp versions
- Options
 - Pendant fitting
 - Wall-mounting fitting
 - Flush mounting fitting
- Painted sheet steel
or stainless steel
- Central locking

STAHL

Zone 2

Selection table

Version	Description			Ordering code			Weight [kg]	
	Lamp	Width [mm]	Rated voltage	Pendant light fittings	Wall-mounting light fitting *	Flush-mounting light fitting		
6414	Light fittings with electronic ballasts for two-pin fluorescent lamps							
Light fitting for use in Zone 2	1 x 18/20 W	280		6414/5121-8□□□	6414/6121-8□□□	6414/7121-8□□□	10,6/10,9/12,3	
	2 x 18/20 W	280		6414/5122-8□□□	6414/6122-8□□□	6414/7122-8□□□	11,1/11,5/12,8	
	3 x 18/20 W	380		6414/5223-8□□□	6414/6223-8□□□	6414/7223-8□□□	17,6/18,0/19,0	
	4 x 18/20 W	380		6414/5224-8□□□	6414/6224-8□□□	6414/7224-8□□□	18,1/18,5/19,5	
	1 x 36/40 W	280	220 V ... 254 V	6414/5141-8□□□	6414/6141-8□□□	6414/7141-8□□□	17,0/17,4/18,4	
	2 x 36/40 W	280	220 V ... 254 V	6414/5142-8□□□	6414/6142-8□□□	6414/7142-8□□□	17,5/17,9/19,4	
	3 x 36/40 W	380	50 ... 60 HZ	6414/5243-8□□□	6414/6243-8□□□	6414/7243-8□□□	25,5/25,9/27,5	
	4 x 36/40 W	380	AC / DC	6414/5244-8□□□	6414/6244-8□□□	6414/7244-8□□□	26,5/26,9/28,5	
	1 x 58/65 W	280		6414/5161-8□□□	6414/6161-8□□□	6414/7161-8□□□	20,0/20,5/18,4	
	2 x 58/65 W	280		6414/5162-8□□□	6414/6162-8□□□	6414/7162-8□□□	20,5/20,9/22,6	
	3 x 58/65 W	380		6414/5263-8□□□	6414/6263-8□□□	6414/7263-8□□□	30,5/30,9/32,8	
	4 x 58/65 W	380		6414/5264-8□□□	6414/6264-8□□□	6414/7264-8□□□	31,5/31,9/33,8	
	Add. to ordering code				↑↑	↑↑	↑↑	
	Through wiring	without		6414/...-.0	6414/...-.0	6414/...-.0		
with 3-cores			6414/...-.3	6414/...-.3	6414/...-.3			
with 5-cores			6414/...-.5	6414/...-.5	6414/...-.5			
Cable entries	Standard (M25)		6414...-.1	6414...-.1	6414...-.1			
	Special version Specify when ordering		6414...-.9	6414...-.9	6414...-.9			
Special version	Enclosure material: stainless steel, specify when ordering							
Note:	The light fittings are supplied without tubes and mounting material. These must be ordered separately! * Wall-mounting brackets must be ordered separately.							



Technical data

Explosion protection	Ex n A II T4
Test certificate	SEV applied for
Material	
Enclosure	Standard: Sheet steel, powder-coated, Colour: white, similar to RAL 9016; Special: Stainless steel
Transparent area	Safety glass, 6 mm thick
Gasket	Ethylene-propylene-ter-polymer
Lamps	Two-pin fluorescent lamps: 1 x ... 4 x 18 W; 1 x ... 4 x 36 W; 1 x ... 4 x 58 W
Rated voltage	AC: 220 V – 10% ... 254 V + 6%; 50 Hz / 60 Hz / DC: 198 V – 10% ... 250 V + 10%
Power factor	cos φ = 0,98 A capacitive; additional compensation not required
Protection class	I (with internal PE terminal)
Degree of protection	IP 65
Ambient temperature	– 20 °C ... + 40 °C
Cover lock	Central locking; glass cover can be swung back hinge Power to ballast is disconnected when fitting opened
Disconnection faulty lamp	If lamp is faulty power supply is automatically switched off by electronic ballast
Light deflection	Reflector plate, can be swung out
Connection	Block terminal; 0,5 ... 4 mm ² solid
Cable entries	
Standard	1 cable gland M25 x 1,5; 2 plugs M25 x 1,5
Special	other cable entries on request
Further technical data	For rated current, mounting options and dimension details refer to sheet steel enclosure 6014