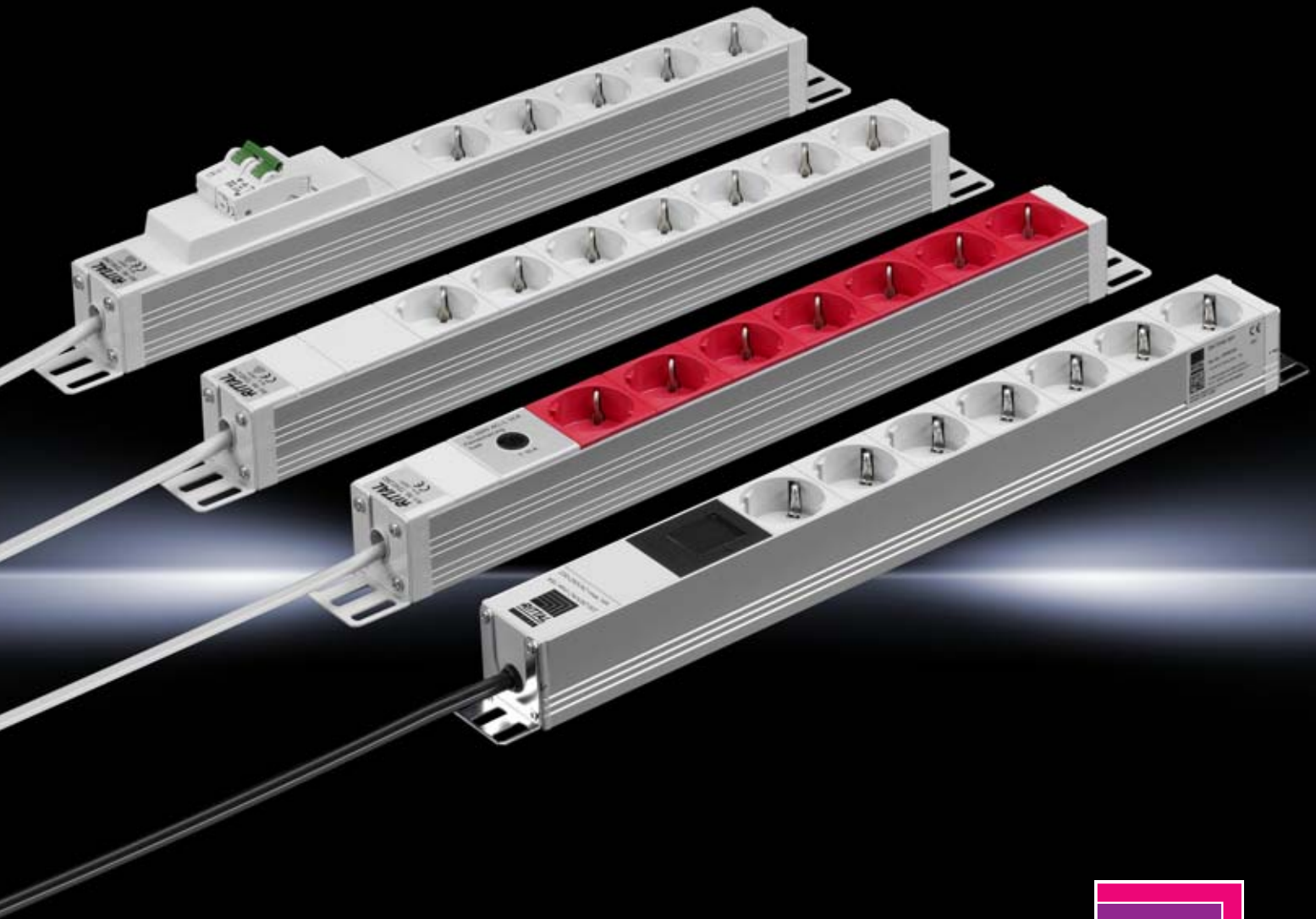


# Rittal – The System.

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## ► Technical System Catalogue Socket Strips



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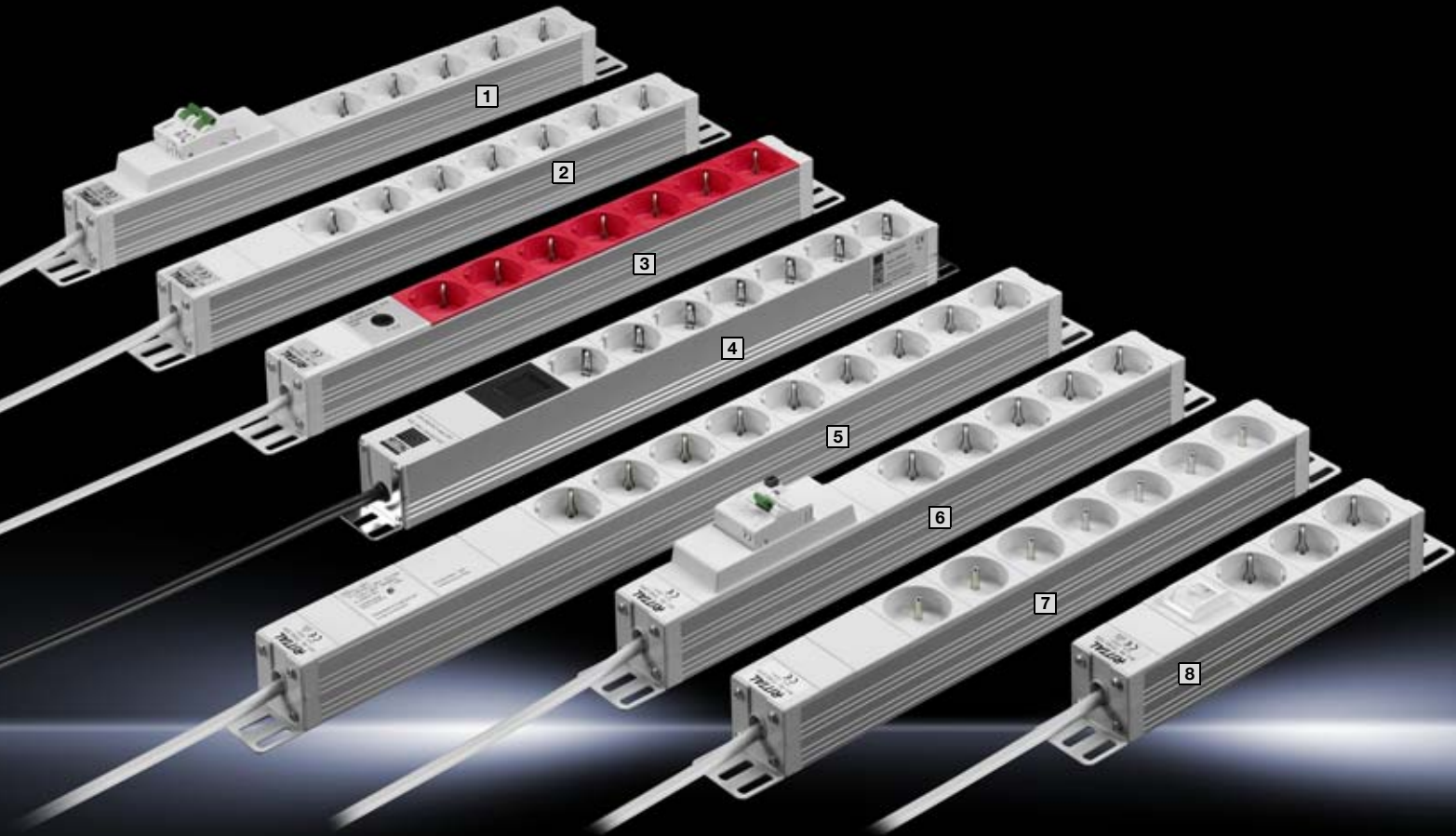
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# Socket strips



The socket strips are available in numerous variants incorporating different functional elements. Special attention has been devoted to practical, universal fastening: Variable attachment facilities have been created with an angle bracket which may be inserted in four positions.

- 1** Socket strips with circuit-breaker
- 2** Socket strips without rocker switch
- 3** Socket strips with earthing-contact inserts (UPS)
- 4** Socket strips with earthing pin and local energy metering
- 5** Socket strips with overvoltage protection (type 3) and interference suppression filter
- 6** Socket strips with residual-current circuit-breaker
- 7** UTE socket strips (Belgium/France)
- 8** Socket strips with rocker switch

# Socket strips

Rittal offers a range of different socket strips for industrial applications. The socket strips are based on a robust aluminium section and are suitable for mounting on the enclosure frame, on a mounting plate or, in some cases, even in a 19" rack.

The products comply with the following specifications:

- IEC/EN 60950-1
- Directive 2014/35/EU (Low Voltage Directive)
- Directive 2014/30/EU (EMC Directive), 7240.301 only
- VDE (earthing-pin socket strips only, except DK 7240.260)

The following product features are shared by the whole socket strip range 7240.XXX:

- Socket strips in anodised aluminium channel (U-section) with plastic inserts
- With a screw-fastened mounting bracket of spray-finished sheet steel, for swivel-mounting at a 90° angle (assembly parts included with supply)
- Mounting brackets with slots for flexible mounting on a 25 mm pitch pattern
- Enclosure dimensions:  
Height: 44.45 mm, 1 U  
Depth: 44.45 mm, 1 U  
Length: Depending on the design
- Earthing-pin sockets CEE 7/3, DIN 49 440
- For versions with safety sockets, these have a space-saving 45° angle arrangement
- CEE 7/5 sockets to UTE (French standard)
- IEC socket strips to IEC/EN 60320-2-2 (Form F, 250 V/10 A)
- For versions with connection cables, this is interchangeable (terminals in socket strip profile)
- Certifications: RoHS, CE (VDE for selected strips)
- Protection category IP 20 to IEC 60529

No. of slots			Infeed			Basic features					Measurement	Length	Note	Model No.
Earthing-pin CEE 7/3	C13	UTE CEE 7/5	Current	Cable	Connector	Basic	Circuit-breakers	SPD	Circuit-breaker	RCD	local (U, I, P, E, S, Q, f)	mm		
3			16 A	2 m		■						262.6		<b>7240.110</b>
7			16 A	2 m		■						482.6 (19")		<b>7240.210</b>
12			16 A	2 m		■						658.6		<b>7240.310</b>
3			16 A	2 m			■					306.6		<b>7240.120</b>
7			16 A	2 m			■					482.6 (19")		<b>7240.220</b>
5			16 A	2 m				■				482.6 (19")		<b>7240.230</b>
9			16 A	2 m				■				658.6		<b>7240.330</b>
5			16 A	2 m					■			482.6 (19")		<b>7240.240</b>
5			16 A	2 m						■		482.6 (19")		<b>7240.280</b>
7			16 A	2 m	C14	■						482.6 (19")	UPS strip	<b>7240.260</b>
	9		16 A	-	C14	■						482.6 (19")	Without cable	<b>7240.201</b>
	12		16 A	2 m		■						482.6 (19")		<b>7240.200</b>
		7	16 A	2 m		■						482.6 (19")	UTE	<b>7240.510</b>
8			16 A	2 m		■						482.6 (19")	Plastic	<b>7000.630</b>
7			16 A	3 m							■	482.6 (19")		<b>7240.301</b>

# Socket strips



## Socket strip (3/7/12 x earthing-pin)

**Model No.:**  
7240.110, 7240.210, 7240.310

**Connection cable type:**  
H05VV-F3G1.5, length 2 m, with wire end ferrules

**Rated operating voltage:**  
250 V

**Rated current:**  
16 A

**Ambient conditions:**

- Operating temperature: 5°C to 45°C
- Humidity:  
10% to 90% rel. humidity (non-condensing)



# Socket strips

## Socket strip with rocker switch (3/7 x earthing-pin)

With 2-pole switch, illuminated when switched on, switch with safety bar to prevent accidental switching

**Model No.:**

7240.120, 7240.220

**Connection cable type:**

H05VV-F3G1.5, length 2 m, with wire end ferrules

**Rated operating voltage:**

250 V

**Rated current:**

16 A

**Ambient conditions:**

- Operating temperature: 5°C to 45°C
- Humidity: 10% to 90% rel. humidity (non-condensing)



## Overvoltage protection and interference suppression filter (5/9 x earthing-pin)

The connected equipment is protected from voltage peaks in the mains. An internal disconnecting device for fire protection irreversibly interrupts the mains infeed in an emergency. This means that the electrical equipment remains protected even if disconnected, but is de-energised. Type of disconnecter: Priority of maintaining function. The socket strip must be replaced if the disconnecting device is tripped, as there is subsequently no protection against renewed overvoltage.

Overvoltage protection device (SPD) type 3/EN 61643-11, VDE 0675 part 6-11)

**Model No.:**

7240.230, 7240.330

**Maximum continuous voltage  $U_c$ :**

255 V AC

**Rated voltage of arrester:**

$U_{arr} = 280$  V AC

**Combined surge:**

$U_{oc} = 6$  kV, protection level  $U_P = 1.5$  kV

**Rated discharge current:**

$I_n = 3$  kA

**Connection cable type:**

H05VV-F3G1.5, length 2 m, with wire end ferrules

**Rated operating voltage:**

250 V

**Rated current:**

16 A

**Ambient conditions:**

- Operating temperature: 5°C to 45°C
- Humidity: 10% to 90% rel. humidity (non-condensing)



# Socket strips



## Socket strip with circuit-breaker (5 x earthing-pin)

The integral circuit-breaker protects cables from short-circuit and overload. The circuit-breaker (thermal/magnetic) has 2-pole switching.

**Model No.:**  
7240.240

**Tripping characteristic:**  
B16

**Rated switching capacity:**  
10 kA

**Connection cable type:**  
H05VV-F3G1.5, length 2 m, with wire end ferrules

**Rated operating voltage:**  
250 V

**Rated current:**  
16 A

**Ambient conditions:**

- Operating temperature: 5°C to 45°C
- Humidity:  
10% to 90% rel. humidity (non-condensing)



## Socket strip with residual-current circuit-breaker (5 x earthing-pin)

The integral residual-current circuit-breaker (RCD:  $I_{\Delta n}$  30 mA; IEC/EN 61008) is sensitive to fault currents of type A (sensitive to pulsating current).

**Model No.:**  
7240.280

**Connection cable type:**  
H05VV-F3G1.5, length 2 m, with wire end ferrules

**Rated operating voltage:**  
250 V

**Rated current:**  
16 A

**Ambient conditions:**

- Operating temperature: 5°C to 45°C
- Humidity:  
10% to 90% rel. humidity (non-condensing)

# Socket strips

## Socket strip B/F 7 x UTE (Belgium/France), CEE 7/5

**Model No.:**  
7240.510

**Connection cable type:**  
H05VV-F3G1.5, length 2 m, with wire end ferrules

**Rated operating voltage:**  
250 V

**Rated current:**  
16 A

**Ambient conditions:**

- Operating temperature: 5°C to 45°C
- Humidity:  
10% to 90% rel. humidity (non-condensing)



## Socket strip for IEC 320 connectors (12 x IEC/EN 60320-1/C13)

**Model No.:**  
7240.200

**Connection cable type:**  
H05VV-F3G1.5, length 2 m, with wire end ferrules

**Rated operating voltage:**  
250 V

**Rated current:**  
16 A

**Ambient conditions:**

- Operating temperature: 5°C to 45°C
- Humidity:  
10% to 90% rel. humidity (non-condensing)



## Socket strip for IEC 320 connectors (9 x IEC/EN 60320-1/C13)

With input connector IEC/EN 60320-C14 in strip profile and integral miniature fuse 5 x 20 mm (10 A). An additional connection cable, such as DK 7200.210 (earthing pin/C13), is required for operation.

**Model No.:**  
7240.201

**Rated operating voltage:**  
250 V

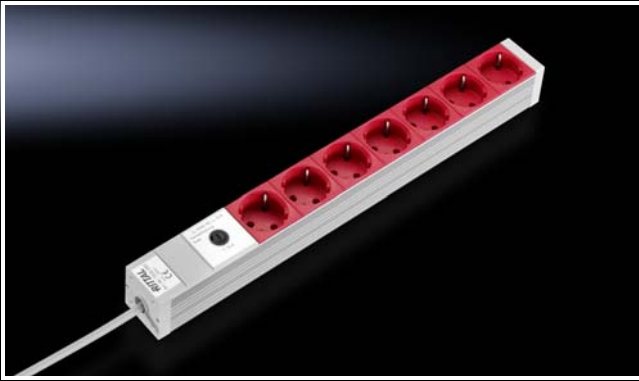
**Rated current:**  
10 A

**Ambient conditions:**

- Operating temperature: 5°C to 45°C
- Humidity:  
10% to 90% rel. humidity (non-condensing)



# Socket strips



## UPS strip (7 x earthing-pin)

With red earthing-pin socket inserts and integral miniature fuse 5 x 20 mm (10 A). Connection cable with IEC 320 connector IEC/EN 60320-1/C14 (Form F) at the input end.

**Model No.:**

7240.260

**Connection cable type:**

H05VV-F3G1.5, length 2 m, with wire end ferrules

**Rated operating voltage:**

250 V

**Rated current:**

10 A

**Ambient conditions:**

- Operating temperature: 5°C to 45°C
- Humidity:  
10% to 90% rel. humidity (non-condensing)



## Socket strip with local energy metering (7 x earthing-pin)

The integrated metering unit acquires energy data for the individual slots and shows the total values on a local display.

The display is activated by pressing a button and switches off automatically after 60 s.

The parameters measured are voltage (V), current (A), frequency (Hz), active power (W), energy consumption (kWh) and phase angle. The energy consumption meter can be reset.

**Model No.:**

7240.301

**Connection cable type:**

H05VV-F3G1.5, length 3 m

**Rated operating voltage:**

250 V

**Rated current:**

16 A

**Ambient conditions:**

- Operating temperature: 5°C to 45°C
- Humidity:  
10% to 90% rel. humidity (non-condensing)



# Socket strips

## Socket strip in plastic housing (8 x earthing-pin)

For mounting either vertically on the enclosure frame or in the rear 482.6 mm (19") section.

Occupies 2 U when mounted on the 482.6 mm (19") section.

**Model No.:**

7000.630

**Connection cable type:**

H05VV-F3G1.5, length 2 m

**Rated operating voltage:**

250 V

**Rated current:**

16 A

**Ambient conditions:**

- Operating temperature: 5°C to 45°C
- Humidity:  
10% to 90% rel. humidity (non-condensing)



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