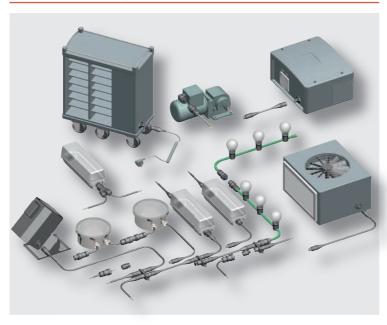
GESSIS



RST20i4

Mains, 4 pole

Application example



General

The four pole connector is based on the 5 pole variation with one pole left empty.

These connectors have been designed for connecting electrical drives.

They are mechanically coded. This means that only associated pairs of male and female can be connected with the correct polarity. This ensures a clear separation from the connectors of the other product series.

Coding

				Application	Ma 250/-	
				Mechanical coding	1, 2, 3,	A.
Name	Description	Connection style	Strain relief housing	Connection points per pole	gray	black
Connectors	1 x cable entry	Screw technology Crimp technology	yes	1		
Connectors	2 x cable entry	Screw technology	yes	1		
Distribution	RST compact distributor/ multi distributor				available on request	available on request
units	Individual distribution box				available on request	available on request
	Connection cable Male – Free end					
Cable assemblies	Connection cable Female – Free end	pre- assembled	pre- assembled	pre- assembled		
	Extension cable Male — Female					

Connector for cables of

	\emptyset 6 – 10 and 10 – 14 mm						
				With screw connection ²⁾ for rigid, fine-stranded and stranded cables of 0.75 – 4.0 mm ² . Unassembled with cable gland ¹⁾ and locking device.	With crimp contacts for fine-stranded and stranded cables of 0.75 – 4.0 mm². Unassembled with cable gland¹¹ and locking device. Crimp contacts separately available under "Accessories"		
				See "Technical Data" for sheath and insulation strip lengths.	See "Technical Data" for sheath and insulation strip lengths.		
Application	Coding	Cable diameter	Color	Part No. Std. Pack	Part No. Std. Pack		
		Female co	onnector	934,6	SW27		
	(200)	6 –10 mm	gray black	96.041.4053.0 96.041.4053.1	96.141.0053.0 96.141.0053.1		
Mains 250/400 V		10 –14 mm	gray black	96.041.4153.0 96.041.4153.1	96.141.0153.0 96.141.0153.1		
	1, 2, 3, ground	13 – 18 mm	gray black				
					Available in 4th quarter 2007		
Application	Coding	Cable diameter	Color	Part No. Std. Pack	Part No. Std. Pack		
		Male co	onnector	834,6	5W27 6·62·00		
		6 –10 mm	gray black	96.042.4053.0 96.042.4053.1	96.142.0053.0 96.142.0053.1		
Mains 250/400 V		10 –14 mm	gray black	96.042.4153.0 96.042.4153.1	96.142.0053.1 96.142.0153.0 96.142.0153.1		
	1, 2, 3, ground	13 – 18 mm	gray black				
					Available in 4th quarter 2007		
	, '	,			Cable gland with bend protection available on request With wire protection available on request		

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Connector for cable Ø 13 – 18 mm

Splitter connector With crimp contacts for fine-stranded and stranded cables of 0.75 – 4.0 mm². Unassembled with cable gland¹¹ and locking With screw connection²⁾ for rigid, fine-stranded and stranded With screw connection²⁾ for rigid, fine-stranded and stranded cables of 0.75 – 1.5 mm² cables of max. 4.0 mm² Unassembled with cable gland¹⁾ and locking device. Unassembled with cable gland and locking device. device. Crimp contacts separately available under "Accessories" See "Technical Data" for sheath See "Technical Data" for sheath See "Technical Data" for sheath and insulation strip lengths. and insulation strip lengths. and insulation strip lengths. Part No. Std. Pack Std. Pack Std. Pack Part No. See "Accessories" for the mounting plate used to fasten the splitter 96.041.4253.0 96.041.4253.1 black 96.041.4353.0 gray 96.041.4353.1 black 96.041.4553.0 96.141.0553.0 gray 96.041.4553.1 96.141.0553.1 Available in 4th quarter 2007 Std. Pack Part No. Part No. Std. Pack black gray 96.042.4553.0 96.142.0553.0 96.042.4553.1 96.142.0553.1 black Available in 4th quarter 2007 Cable gland with bend protection available on request With wire protection available on request

Appliance connectors

			connector M	25, standar			connector M	1	
		fine-stranded and of 0.75 – 4.0 mm² point per pole. W Fixing in position flattening the thre With M25x1.5 thr gland.	. 1 connection ith locking device. guaranteed by ead. ead, internal cable	thread, external c contacts separate "Accessories".	stranded cables . 1 connection ith locking device. guaranteed by sad. With M25x1.5 able gland. Crimp bly available under	fine-stranded ar of 0.75 – 4.0 mm point per pole. V Fixing in positio flattening the th thread, internal	With locking device. n guaranteed by read. With M20x1.5 cable gland.	fine-stranded an of 0.75 – 4.0 mm point per pole. W Fixing in positior by flattening the M 20x1.5 thread, gland. Crimp cor available under "	Vith locking device a guaranteed thread. With internal cable atacts separately Accessories"
		See "Technical Dastrip lengths.	ata" for insulation	See "Technical Da strip lengths.	ata" for insulation	See "Technical strip lengths.	Data" for insulation	See "Technical E strip lengths.	Oata" for insulation
Application	Color	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack
	Female connector	932	16.1 902	SW24	51,35		834.6	5W28 SW28 Gehlusseusschnitt Ima. ben 21,251,25	2 99 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Mains 250/ 400 V 1, 2, 3, ground		96.041.5053.0 96.041.5053.1	60.1	96.141.1053.0 96.141.1053.1		96.041.6053.0 96.041.6053.1	000	96.141.2053.0 96.141.2053.1	
				Available in 4th qu	uarter 2007			Available in 4th c	uarter 2007
Application	Male connector	Part No.	Std. Pack	Part No. 50 67 00 M25x1	1	Part No.	Std. Pack	SW28 SW28	Std. Pack
Mains 250/ 400 V 1, 2, 3, ground		96.042.5053.0 96.042.5053.1		96.142.1053.0 96.142.1053.1		96.042.6053.0 96.042.6053.1		96.142.2053.0 96.142.2053.1	
				Available in 4th qu	uarter 2007			Available in 4th c	uarter 2007
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		Appliance connecto	or M _. 16, modular, straight	Appliance connector I	/1 ₂ 20, modular, angled
		With screw connections for fine-stranded and stranded cal of 0.75 – 4.0 mm². 1 connectio point per pole. With locking de Fixing in position guaranteed the flattening the thread. With M1 thread, internal cable gland.	fine-stranded and stranded cables of 0.75 – 4.0 mm². 1 connection point per pole. With locking device Fixing in position guaranteed by flattening the thread. With M 16x1. thread, internal cable gland. Crimp contacts separately available unde "Accessories"	fine-stranded and stranded cables of 0.75 – 4.0 mm². 1 connection point per pole. With locking device Fixing in position guaranteed by flattening the thread. With M 20x1 thread, internal cable gland.	fine-stranded and stranded cables of 0.75 – 4.0 mm². 1 connection point per pole. With locking device Fixing in position guaranteed by flattening the thread. With M20x1.5 thread, internal cable gland. Crimp contacts separately available under "Accessories"
		See "Technical Data" for insula strip lengths.	See "Technical Data" for insulation strip lengths.	See "Technical Data" for insulation strip lengths.	See "Technical Data" for insulation strip lengths.
Application	Color	Part No. Std. Pack	Part No. Std. Pack	Part No. Std. Pack	Part No. Std. Pack
	Female connector	834.6	SW22 SW22 SW22 SW22 Shipton and Trebelling and Treb	15 39.3	Gehbuseusschilt vehlveise 8,720,2
Mains 250/ 400 V 1, 2, 3, ground		96.041.6153.0 96.041.6153.1	96.141.2153.0 96.141.2153.1	96.043.6053.0 96.043.6053.1	96.143.2053.0 96.143.2053.1
			Available in 4th quarter 2007		Available in 4th quarter 2007
Application	Color	Part No. Std. Pack	Part No. Std. Pack	Part No. Std. Pack	Part No. Std. Pack
	Male connector	Ø34.6	SW22 SW28 Solution of the second of the seco	934.6	Gebbusensschnitt Tamdma
	2		11,221,15 21,221,15		21,251,25
Mains 250/ 400 V 1, 2, 3, ground	gray black	96.042.6153.0 96.042.6153.1	96.142.2153.0 96.142.2153.1	96.044.6053.0 96.044.6053.1	96.144.2053.0 96.144.2053.1
			Available in 4th quarter 2007		Available in 4th quarter 2007
,					75

Cable assemblies, 1.5 mm²

Extension cable	Connection cable	Connection cable
H05VV-F 4x1.5	H05VV-F 4x1.5	H05VV-F 4x1.5
Female – Male with locking device	Female – Free end with ultrasonically welded wire ends	Male – Free end with ultrasonically welded wire ends and locking device
	Cable strip length: 35 mm Insulation strip length 9 mm	Cable strip length: 35 mm Insulation strip length 9 mm
Length ² Part No. Std. Pack	Part No. Std. Pack	Part No. Std. Pack
1.0 m 2.0 m 96.442.2000.1 3.0 m 96.442.3000.1 4.0 m 96.442.4000.1 5.0 m	96.442.1003.1 96.442.2003.1 96.442.3003.1 96.442.4003.1 96.442.5003.1	96.442.1004.1 96.442.2004.1 96.442.3004.1 96.442.4004.1 96.442.5004.1
7.0 m 96.442.7000.1 8.0 m 96.442.8000.1	96.442.8003.1 96.442.8003.1	96.442.6004.1 96.442.7004.1 96.442.8004.1
	H05VV-F 4x1.5 Female – Male with locking device Length ² Part No. Std. Pack 1.0 m 96.442.1000.1 96.442.2000.1 3.0 m 96.442.2000.1 96.442.4000.1 96.442.4000.1 96.442.5000.1 96.0 m 96.442.5000.1 96.0 m 96.442.7000.1	H05VV-F 4x1.5 Female - Male with locking device With ultrasonically welded wire ends Cable strip length: 35 mm Insulation strip length 9 mm 9 mm 10 m

¹⁾ Other cables available on request ²⁾ Other lengths available on request

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	!	Extension cable	Connection cable	Connection cable
		H07RN-F 4x1.5	H07RN-F 4x1.5	H07RN-F 4x1,5
		Female – Male with locking device	Female – Free end with ultrasonically welded wire ends	Male – Free end with ultrasonically welded wire ends and locking device
			Cable strip length: 35 mm Insulation strip length 9 mm	Cable strip length: 35 mm Insulation strip length 9 mm
Cable assemblies ground = gn/yl 3 = bl 1 = br 2 = bk Cable ¹⁾ in black Connector in black Screw technology Application Coding Color	Length ²⁾	Part No. Std. Pack	Part No. Std. Pack	Part No. Std. Pack
1, 2, 3, ground Cable: black Mains 250/400V Male	1.0 m S 2.0 m S 3.0 m S 4.0 m S 5.0 m S 6.0 m S 7.0 m S	96.442.1030.1 96.442.2030.1 96.442.3030.1 96.442.5030.1 96.442.5030.1 96.442.7030.1	96.442.1033.1 96.442.2033.1 96.442.3033.1 96.442.5033.1 96.442.6033.1 96.442.7033.1 96.442.8033.1	96.442.1034.1 96.442.2034.1 96.442.3034.1 96.442.5034.1 96.442.6034.1 96.442.7034.1 96.442.8034.1
	¹⁾ Other cables ave			

				Extension cable	Connection cable	Connection cable
				H05VV-F 4x2.5	H05VV-F 4x2.5	H05VV-F 4x2.5
				Female – Male with locking device	Female – Free end with ultrasonically welded wire ends	Male – Free end with ultrasonically welded wire ends and locking device
					Cable strip length: 35 mm Insulation strip length 9 mm	Cable strip length: 35 mm Insulation strip length 9 mm
	ground = gn/y 3 = bl 1 = br 2 = bk	Cable mblies	Length ²⁾	Part No. Std. Pack	Part No. Std. Pack	Part No. Std. Pack
Mains 250/400V	1, 2, 3, ground Female 1, 2, 3, ground Male	black Cable: black	1.0 m 2.0 m 3.0 m 4.0 m 5.0 m 6.0 m 7.0 m	96.443.1000.1 96.443.2000.1 96.443.3000.1 96.443.5000.1 96.443.6000.1 96.443.7000.1 96.443.8000.1	96.443.1003.1 96.443.2003.1 96.443.3003.1 96.443.5003.1 96.443.6003.1 96.443.7003.1 96.443.8003.1	96.443.1004.1 96.443.2004.1 96.443.3004.1 96.443.5004.1 96.443.6004.1 96.443.7004.1 96.443.8004.1
78			1) Other cables a	available on request		

¹⁾ Other cables available on request 2) Other lengths available on request

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	E	extension cable	Connection cable	Connection cable
	F	107RN-F 4x2.5	H07RN-F 4x2.5	H07RN-F 4x2.5
		vith locking device	Female – Free end with ultrasonically welded wire ends	Male – Free end with ultrasonically welded wire ends and locking device
			Cable strip length: 35 mm Insulation strip length 9 mm	Cable strip length: 35 mm Insulation strip length 9 mm
Cable assemblies ground = gn/yl 3 = bl 1 = br 2 = bk Cable ¹⁾ in black Connector in black Screw technology	Langth ²	act No. Stid Pack	Part No. Std Pack	Part No.
Application Coding Color 1, 2, 3, ground Cable: Female Mains 250/400V 1, 2, 3, ground Cable: black Male	2.0 m 90 3.0 m 90 4.0 m 90 5.0 m 90 7.0 m 90	6.443.1030.1 6.443.2030.1 6.443.3030.1 6.443.4030.1 6.443.5030.1 6.443.6030.1 6.443.7030.1	Part No. Std. Pack 96.443.1033.1 96.443.2033.1 96.443.4033.1 96.443.5033.1 96.443.6033.1 96.443.8033.1 96.443.8033.1	Part No. Std. Pack 96.443.1034.1 96.443.2034.1 96.443.3034.1 96.443.5034.1 96.443.6034.1 96.443.7034.1 96.443.8034.1
	1) Other cables avail			

¹⁾ Other cables available on request 2) Other lengths available on request

Distribution unit

compact distributor	RST multi distributor	Distribution box
 Equip as needed with M25 appliance connectors 2 to 5 pole 1 input; 3 outputs pre-wired with 2.5 mm² with mounting option 	 Equip as needed with M25 appliance connectors 2 to 5 pole 1 input; 7 outputs (max.) Safety fuses 6.3 or 10 A can be integrated pre-wired with 2.5 mm² 	The individual distribution boxes offer optimal solutions for your specific application. The distribution boxes are available in different dimensions and can accept DIN rail mounted devices and terminal blocks in any combination. Further connection to the consumer devices is carried out by the gesis IP+ connector system. Distribution blocks manufactured and tested according to specific customer requirements can be delivered to the construction site as pre-assembled components.
Part No. Std. Pack	Part No. Std. Pack	Part No. Std. Pack
5 5 5	3 L3 3 L2 3 L1 3 L1 5	The locking devices are already integrated.
96.050.0153.1	96.050.7153.1	available on request
See page 102 and following as well as Customer Information 0161.8 for additional distribution units		

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