

Datasheet

Art.No. 46.051.5053.1

Device connector RST16I5 S B1 M03 S

RST 16i5/4 device connection M20.2, 5 pole, female, screw connection, application 250V/400V, 16A, coding color black



Art.No.	46.051.5053.1
EAN	4049088255830
Order unit	1 pieces

Approvals



Technical data

General

Rated current	16 A
Rated voltage	250 V
Rated voltage 2	400 V
Pollution degree	3
Rated impulse voltage	4 kV
Continuity resistor	3 mOhm
Lockable	Yes
Color of coding/ contact carrier	Black
Marking of poles	1, 2, 3, N, PE
Color of separate adapter (if present)	Black

Connection Data

Connection cross section solid mm ² max.	2.5 mm ²
Connection cross section solid mm ² min.	0.25 mm ²
Connection cross section fine stranded mm ² max.	2.5 mm ²
Connection cross section fine stranded mm ² min.	0.25 mm ²
Terminations per pole	1
Wire strip length	8 mm
Connection cross section stranded mm ² min.	0.25 mm ²
Connection cross section stranded mm ² max.	2.5 mm ²

Model

Model	female
-------	--------

Connection type	Screw connection
Connecting thread metric	M20,2
Angle of plug	Straight
Degree of protection (IP)	IP66/68 (3m;2h) /IP69
Thickness of housings (electrical device) 2	0.5 mm
Thickness of housings (electrical device)	5 mm

Material

Housing material	Polyamide
Halogen free	Yes
Contact material	CuZn
Fire load	0.084 kWh
Surface finish	Silver-plated

Dimensions

Length	41.6 mm
Width	24 mm
Height	24 mm


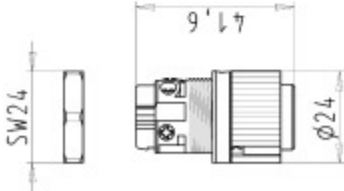
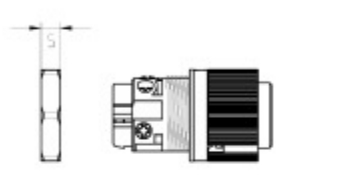
Classification

ECLASS 8.1	27440602
ETIM 6.0	EC002566
ETIM 5.0	EC002566
ETIM 4.0	EC002566

Note

Note	fine-stranded and stranded wires have to be used without ferrules; Positioning realised with flattened thread
------	---

Drawings

<p>Kodierung /Coding</p>  	<p>Auslieferungszustand delivery condition</p>  <p>Gehäusequerschnitt section of housing</p>	<table border="1"> <tr> <td>46.051.5053.9</td> <td>RST16155 BI M03 H</td> <td>BL</td> <td>C4</td> <td>lichtblau / light blue</td> </tr> <tr> <td>46.051.5050.4</td> <td>RST16155 BI M03 L</td> <td>BR</td> <td>C3</td> <td>signolbrown / signol brown</td> </tr> <tr> <td>46.051.5053.6</td> <td>RST16155 BI M03 A</td> <td>TB</td> <td>C2</td> <td>türkisblau / turquoise blue</td> </tr> <tr> <td>46.051.5053.1</td> <td>RST16155 BI M03</td> <td>SW</td> <td>C1</td> <td>SCHWARTZ / black</td> </tr> <tr> <td>46.051.5053.0</td> <td>RST16155 BI M03</td> <td>GL</td> <td>C1</td> <td>lichtgrün / light grey</td> </tr> </table> <p>Bestellnummer /Order number: <input type="text"/></p> <p>Typ /Type: <input type="text"/></p> <p>Kodierung /Coding: <input type="text"/></p> <p>Farbe /Color: <input type="text"/></p> <p>Weitere Daten siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog.</p> <p>www.wieland-electric.com eshop.wieland-electric.com</p>	46.051.5053.9	RST16155 BI M03 H	BL	C4	lichtblau / light blue	46.051.5050.4	RST16155 BI M03 L	BR	C3	signolbrown / signol brown	46.051.5053.6	RST16155 BI M03 A	TB	C2	türkisblau / turquoise blue	46.051.5053.1	RST16155 BI M03	SW	C1	SCHWARTZ / black	46.051.5053.0	RST16155 BI M03	GL	C1	lichtgrün / light grey	<p>Attention: Size 16 (1000) reference version for 100 (1000) parts. 10 (1000) reference version for 100 (1000) parts. 10 (1000) reference version for 100 (1000) parts.</p> <p>Technical drawing: 100 - Drawing, with dimensions in millimeters. 100 - Drawing, with dimensions in millimeters. 100 - Drawing, with dimensions in millimeters.</p> <p>General reference: 100 - Drawing, with dimensions in millimeters. 100 - Drawing, with dimensions in millimeters. 100 - Drawing, with dimensions in millimeters.</p> <table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> <td>10</td> <td>11</td> <td>12</td> <td>13</td> <td>14</td> <td>15</td> <td>16</td> <td>17</td> <td>18</td> <td>19</td> <td>20</td> <td>21</td> <td>22</td> <td>23</td> <td>24</td> <td>25</td> <td>26</td> <td>27</td> <td>28</td> <td>29</td> <td>30</td> <td>31</td> <td>32</td> <td>33</td> <td>34</td> <td>35</td> <td>36</td> <td>37</td> <td>38</td> <td>39</td> <td>40</td> <td>41</td> <td>42</td> <td>43</td> <td>44</td> <td>45</td> <td>46</td> <td>47</td> <td>48</td> <td>49</td> <td>50</td> <td>51</td> <td>52</td> <td>53</td> <td>54</td> <td>55</td> <td>56</td> <td>57</td> <td>58</td> <td>59</td> <td>60</td> <td>61</td> <td>62</td> <td>63</td> <td>64</td> <td>65</td> <td>66</td> <td>67</td> <td>68</td> <td>69</td> <td>70</td> <td>71</td> <td>72</td> <td>73</td> <td>74</td> <td>75</td> <td>76</td> <td>77</td> <td>78</td> <td>79</td> <td>80</td> <td>81</td> <td>82</td> <td>83</td> <td>84</td> <td>85</td> <td>86</td> <td>87</td> <td>88</td> <td>89</td> <td>90</td> <td>91</td> <td>92</td> <td>93</td> <td>94</td> <td>95</td> <td>96</td> <td>97</td> <td>98</td> <td>99</td> <td>100</td> </tr> </table> <p>BUCHSENTEIL Buchsensteck, 5-polig Female connector, 5 poles</p> <p>100-NEI-000101</p>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
46.051.5053.9	RST16155 BI M03 H	BL	C4	lichtblau / light blue																																																																																																																												
46.051.5050.4	RST16155 BI M03 L	BR	C3	signolbrown / signol brown																																																																																																																												
46.051.5053.6	RST16155 BI M03 A	TB	C2	türkisblau / turquoise blue																																																																																																																												
46.051.5053.1	RST16155 BI M03	SW	C1	SCHWARTZ / black																																																																																																																												
46.051.5053.0	RST16155 BI M03	GL	C1	lichtgrün / light grey																																																																																																																												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																													