acc. to D	ninal Blocks for I IN 72581-3f, ISC			CAGE CLAMP®
100 V/6 kV/3 10 A 2 erminal block) mm ² • AWG 22 - 12 width 5.2 mm / 0.205 in • 12 mm / 0.43 in	400 V/6 kV/3 I _N 10 A 2 Terminal block v	mm ² 1 AWG 22 - 12 width 5.2 mm / 0.205 in 12 mm / 0.43 in	
	-66,5 mm/2.61 in	-R	5 mm/3.45 in	● can be connected: 0.25 mm ² - 4 mm ² "s+f-st"; can be pushed in directly: 0.75 mm ² - 4 mm ² "s" and 0,75 mm ² - 2,5 mm ² "insulated ferrule, 12 mm/0.472 in"
	Item no. Pack. ur	it	Item no. Pack. un	it
-conductor fuse	terminal blocks	4-conductor fuse te	erminal blocks	
ray	2002-1681	gray	2002-1881	
- Individual arra - Block arrangen Please note touc	•	 Individual arrange Block arrangeme 	ent: 5 A	
Article-specifi			proof protection from 42 V	
•	c accessories			
•		End and intermedi	iate plate, 1 mm/0.039 in thick orange 2002-1892100 (4 x 2. gray 2002-1891100 (4 x 2.	
•	c accessories diate plate, 1 mm/0.039 in thick orange 2002-1692 100 (4 x 2 gray 2002-1691 100 (4 x 2	End and intermedi	iate plate, 1 mm/0.039 in thick orange 2002-1892100 (4 x 2; gray 2002-1891100 (4 x 2;	
nd and intermed	c accessories diate plate, 1 mm/0.039 in thick orange 2002-1692 100 (4 x 2 gray 2002-1691 100 (4 x 2 gray 2002-1691 100 (4 x 2 eries 2002 Appropriate 1 pcs/strip 200 stri	End and intermedi	iate plate, 1 mm/0.039 in thick orange 2002-1892100 (4 x 2, gray 2002-1891100 (4 x 2, Marker Strips/WMB Inline marker, with high voltage symbol, black	 (see Full Line Catalog W4, Vol. 1, Sec. 14) The rated currents of the fuse cartridges are
nd and intermed	c accessories diate plate, 1 mm/0.039 in thick orange 2002-1692 100 (4 × 2 gray 2002-1691 100 (4 × 2 gray 2002-1691 100 (4 × 2 eries 2002 Appropriate r	End and intermedi	iate plate, 1 mm/0.039 in thick orange 2002-1892100 (4 × 2; gray 2002-1891100 (4 × 2; Marker Strips/WMB Inline	 (see Full Line Catalog W4, Vol. 1, Sec. 14) The rated currents of the fuse cartridges are defined differently in international standards. Due to the different current rating definitions,
Accessories S nsulation stop, 5	c accessories diate plate, 1 mm/0.039 in thick orange 2002-1692 100 (4 x 2 gray 2002-1691 100 (4 x 2 eries 2002 Appropriate r pcs/strip 200 stri light gray 2002-171 0.25-0.5 m	End and intermedi	iate plate, 1 mm/0.039 in thick orange 2002-1892100 (4 × 2: gray 2002-1891100 (4 × 2: Marker Strips/WMB Inline marker, with high voltage symbol, black for 5 terminal blocks	 (see Full Line Catalog W4, Vol. 1, Sec. 14) The rated currents of the fuse cartridges are defined differently in international standards. Due to the different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23°C). Selecting the correct fuse cartrigde is important for product safety within applications as well as the service life/operational reliability of the fuse
Accessories Sonsulation stop, 5	c accessories diate plate, 1 mm/0.039 in thick orange 2002-1692 100 (4 × 2 gray 2002-1691 100 (4 × 2 eries 2002 Appropriate I pcs/strip 200 stri light gray 2002-171 0.25-0.5 m dark gray 2002-172 0.75-1 m ber bars, light gray, insulated, I _N 25 2-way 2002-402 200 (8 × 2 3-way 2002-403 200 (8 × 2 4-way 2002-404 200 (8 × 2 5-way 2002-405 100 (4 × 2 5-way 2002-405 100 (4 × 2	End and intermedi	iate plate, 1 mm/0.039 in thick orange 2002-1892100 (4 × 2: gray 2002-1891100 (4 × 2: Marker Strips/WMB Inline marker, with high voltage symbol, black for 5 terminal blocks yellow 2002-115 100 (4 × 2: s, light gray, insulated, I _N 25 A 2-way 2002-472 100 (4 × 2: 3-way 2002-473 100 (4 × 2: 5-way 2002-474 100 (4 × 2: 5-way 2002-475 50 (2 × 25) : 12-way 2002-482 50 (2 × 25)	 (see Full Line Catalog W4, Vol. 1, Sec. 14) The rated currents of the fuse cartridges are defined differently in international standards. Due to the different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23°C). Selecting the correct fuse cartrigde is important for product safety within applications as well as the service life/operational reliability of the fuse cartrigdes. Fuse cartrigdes can operate perfectly as protection (break-off point) if they are properly
Accessories Sonsulation stop, 5	c accessories diate plate, 1 mm/0.039 in thick orange 2002-1692 100 (4 × 2 gray 2002-1691 100 (4 × 2 eries 2002 Appropriate I pcs/strip 200 stri light gray 2002-171 0.25-0.5 m dark gray2002-172 0.75-1 m ber bars, light gray, insulated, I _N 25 2-way 2002-402 200 (8 × 2 3-way 2002-403 200 (8 × 2 4-way 2002-404 200 (8 × 2 5-way 2002-405 100 (4 × 2 5-way 2002-405 100 (4 × 2	End and intermedi	iate plate, 1 mm/0.039 in thick orange 2002-1892100 (4 × 2: gray 2002-1891100 (4 × 2: Marker Strips/WMB Inline marker, with high voltage symbol, black for 5 terminal blocks yellow 2002-115 100 (4 × 2: s, light gray, insulated, I _N 25 A 2-way 2002-472 100 (4 × 2: 3-way 2002-473 100 (4 × 2: 4-way 2002-474 100 (4 × 2: 5-way 2002-475 50 (2 × 25) : :	 (see Full Line Catalog W4, Vol. 1, Sec. 14) The rated currents of the fuse cartridges are defined differently in international standards. Due to the different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23°C). Selecting the correct fuse cartrigde is important for product safety within applications as well as the service life/operational reliability of the fuse cartrigdes. Fuse cartrigdes can operate perfectly as protection (break-off point) if they are properly selected and are used in accordance with
Accessories Sonsulation stop, 5	c accessories diate plate, 1 mm/0.039 in thick orange 2002-1692 100 (4 × 2 gray 2002-1691 100 (4 × 2 gray 2002-1691 100 (4 × 2 eries 2002 Appropriate r pcs/strip 200 stri light gray 2002-171 0.25-0.5 m dark gray 2002-172 0.75-1 m ber bars, light gray, insulated, I _N 25 2-way 2002-402 200 (8 × 2 3-way 2002-403 200 (8 × 2 4-way 2002-404 200 (8 × 2 5-way 2002-405 100 (4 × 2 5-way 2002-410 100 (4 × 2 5-way 2002-410 100 (4 × 2 10-was, light gray, insulated, I _N 25 1 - 3 2002-433 200 (8 × 2 1 - 4 2002-434 200 (8 × 2 1 - 5 2002-435 100 (4 × 2	End and intermedi	iate plate, 1 mm/0.039 in thick orange 2002-1892100 (4 × 2: gray 2002-1891100 (4 × 2: Marker Strips/WMB Inline marker, with high voltage symbol, black for 5 terminal blocks yellow 2002-115 100 (4 × 2: s, light gray, insulated, I _N 25 A 2-way 2002-472 100 (4 × 2: 3-way 2002-473 100 (4 × 2: 4-way 2002-474 100 (4 × 2: 5-way 2002-475 50 (2 × 25) : 12-way 2002-482 50 (2 × 25) for test plug Ø 4 mm/0.157 in 2009-174 100 (4 × 2: 5-way 2009-174 100 (4 × 2:	 (see Full Line Catalog W4, Vol. 1, Sec. 14) The rated currents of the fuse cartridges are defined differently in international standards. Due to the different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23°C). Selecting the correct fuse cartrigde is important for product safety within applications as well as the service life/operational reliability of the fuse cartrigdes. Fuse cartrigdes can operate perfectly as protection (break-off point) if they are properly selected and are used in accordance with the manufacturers specifications. In general it is necessary to test fuse cartridges under normal conditions and operational failures within your application.
Accessories Sonsulation stop, 5	c accessories diate plate, 1 mm/0.039 in thick orange 2002-1692 100 (4 × 2 gray 2002-1691 100 (4 × 2 gray 2002-1691 100 (4 × 2 eries 2002 Appropriate 1 pcs/strip 200 stri light gray 2002-171 0.25-0.5 m dark gray 2002-172 0.75-1 m ber bars, light gray, insulated, I_{N} 25 2-way 2002-402 200 (8 × 2 3-way 2002-402 200 (8 × 2 3-way 2002-404 200 (8 × 2 4-way 2002-404 200 (8 × 2 5-way 2002-410 100 (4 × 2 10-way 2002-410 100 (4 × 2 1 - 3 2002-433 200 (8 × 2 1 - 4 2002-434 200 (8 × 2 1 - 5 2002-435 100 (4 × 2 1 - 10 2002-440 100 (4 × 2 **S connector,	End and intermedi	iate plate, 1 mm/0.039 in thick orange 2002-1892100 (4 × 2: gray 2002-1891100 (4 × 2: Marker Strips/WMB Inline marker, with high voltage symbol, black for 5 terminal blocks yellow 2002-115 100 (4 × 2: s, light gray, insulated, I _N 25 A 2-way 2002-472 100 (4 × 2: 3-way 2002-473 100 (4 × 2: 4-way 2002-473 100 (4 × 2: 5-way 2002-474 100 (4 × 2: 5-way 202-475 50 (2 × 25) : 12-way 2002-482 50 (2 × 25) for test plug Ø 4 mm/0.157 in 2009-174 100 (4 × 2: 5-way 2009-174 100 (4 × 2: 2009-174 100 (4 × 2: 2009-182 100	 (see Full Line Catalog W4, Vol. 1, Sec. 14) The rated currents of the fuse cartridges are defined differently in international standards. Due to the different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23°C). Selecting the correct fuse cartrigde is important for product safety within applications as well as the service life/operational reliability of the fuse cartrigdes. Fuse cartrigdes can operate perfectly as protection (break-off point) if they are properly selected and are used in accordance with the manufacturers specifications. In general it is necessary to test fuse cartridges under normal conditions and operational failures within your application.
Accessories So Accessories So Accessori Accessories So Accessories So Accessories So Accessories	c accessories diate plate, 1 mm/0.039 in thick orange 2002-1692 100 (4 × 2 gray 2002-1691 100 (4 × 2 gray 2002-1691 100 (4 × 2 eries 2002 Appropriate 1 pcs/strip 200 stri light gray 2002-171 0.25-0.5 m dark gray 2002-172 0.75-1 m ber bars, light gray, insulated, I_N 25 2-way 2002-402 200 (8 × 2 3-way 2002-403 200 (8 × 2 4-way 2002-404 200 (8 × 2 5-way 2002-401 100 (4 × 2 10-way 2002-410 100 (4 × 2 10-way 2002-410 100 (4 × 2 1 - 3 2002-433 200 (8 × 2 1 - 4 2002-434 200 (8 × 2 1 - 5 2002-435 100 (4 × 2 1 - 10 2002-440 100 (4 × 2	End and intermedi	iate plate, 1 mm/0.039 in thick orange 2002-1892100 (4 × 2; gray 2002-1891100 (4 × 2; Marker Strips/WMB Inline marker, with high voltage symbol, black for 5 terminal blocks yellow 2002-115 100 (4 × 2; s, light gray, insulated, I _N 25 A 2-way 2002-472 100 (4 × 2; 3-way 2002-473 100 (4 × 2; 3-way 2002-474 100 (4 × 2; 5-way 2002-475 50 (2 × 25) : : 12-way 2002-482 50 (2 × 25) for test plug Ø 4 mm/0.157 in 2009-174 100 (4 × 2; x. 2.5 mm ² /AWG 14 2009-182 100 (4 × 2;	 (see Full Line Catalog W4, Vol. 1, Sec. 14) The rated currents of the fuse cartridges are defined differently in international standards. Due to the different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23°C). Selecting the correct fuse cartrigde is important for product safety within applications as well as the service life/operational reliability of the fuse cartrigdes. Fuse cartrigdes can operate perfectly as protection (break-off point) if they are properly selected and are used in accordance with the manufacturers specifications. In general it is necessary to test fuse cartridges under normal conditions and operational failures within your application.
Accessories So Accessories So Accessori Accessories So Accessories So Accessories So Accessories	c accessories diate plate, 1 mm/0.039 in thick orange 2002-1692 100 (4 × 2 gray 2002-1691 100 (4 × 2 gray 2002-171 0.25-0.5 m dark gray 2002-172 0.75-1 m dark gray 2002-402 200 (8 × 2 3-way 2002-402 200 (8 × 2 3-way 2002-403 200 (8 × 2 3-way 2002-404 200 (8 × 2 3-way 2002-404 200 (8 × 2 5-way 2002-404 200 (8 × 2 5-way 2002-410 100 (4 × 2 5-way 2002-413 200 (8 × 2 1 - 3 2002-433 200 (8 × 2 1 - 4 2002-434 200 (8 × 2 1 - 5 2002-435 100 (4 × 2 1 - 10 2002-440 100 (4 × 2 - 10 - 10 2002-440 100 (4 × 2 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	End and intermedi	iate plate, 1 mm/0.039 in thick orange 2002-1892100 (4 × 2; gray 2002-1891100 (4 × 2; Marker Strips/WMB Inline marker, with high voltage symbol, black for 5 terminal blocks yellow 2002-115 100 (4 × 2; s, light gray, insulated, I _N 25 A 2-way 2002-472 100 (4 × 2; 3-way 2002-473 100 (4 × 2; 3-way 2002-473 100 (4 × 2; 3-way 2002-474 100 (4 × 2; 5-way 2002-475 50 (2 × 25) : : 12-way 2002-482 50 (2 × 25) for test plug Ø 4 mm/0.157 in 2009-174 100 (4 × 2; x. 2.5 mm²/AWG 14 2009-182 100 (4 × 2; adapter, pivotable	 (see Full Line Catalog W4, Vol. 1, Sec. 14) The rated currents of the fuse cartridges are defined differently in international standards. Due to the different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23°C). Selecting the correct fuse cartrigde is important for product safety within applications as well as the service life/operational reliability of the fuse cartrigdes. Fuse cartrigdes can operate perfectly as protection (break-off point) if they are properly selected and are used in accordance with the manufacturers specifications. In general it is necessary to test fuse cartridges under normal conditions and operational failures within your application.



TOPJOB®

1

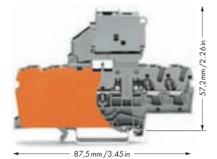
Fuse Disconnect Terminal Blocks with Pivotable Fuse Holder, 2.5 (4) mm²/AWG 12, for Miniature Metric Fuses 5 x 20 mm, Series 2002

34

	2.5 (4) mm ² /AWG 12, for <i>N</i>	liniature <i>i</i> Me	etric ruse	es o x 20 r	nm, Series	2002	
VOLUME 1		0.25 — 2.5 (4) 250 V/6 kV/3 (6.3 A Terminal block v	• width 6.2 mm) mm ² AWG width 6.2 mm / 0 - 12 mm / 0.43 in	
	 800 V = rated voltage 8 kV = rated surge voltage		- 66,5mm/2.62	si 		- 66,5mm/2.62in -	
	Description		ltem no.	Pack. unit		Item no.	Pack. unit
	Fuse disconnect terminal block	2-conductor fuse te	erminal block v	vith end plate,	2-conductor fuse	terminal blocks with	end plate,
	with pivotable fuse holder,	without blown fuse			with blown fuse i		
	for DIN 35 rail, for miniature metric fuses 5 x 20 mm	gray	2002-1611	50	gray 12 – 30 V ≃ (3 2002-1611/1000-541	50
	5 x 20 mm				gray 30 – 65 V ≃ (3 2002-1611/1000-542	50
	5 x 20 mm				gray 110 – 250 V ≃	2002-1611/1000-836	50
	Article-specific accessories	End plate for fuse to		2-991 100 (4×25)		terminal blocks, 2 m gray 2002-99 orange 2002-99	1 100 (4×25
	Accessories Appropriate marker system	WMB/Marko	r String/W/W	R Inline /		and Section 14)	
	Accessories Appropriate market system	Insulation stop, 5 p	• •	200 strips	-		200 strip
			light gray 200	2-171 0.25-0.5 mm ²		light gray 2002-17	71 0.25-0.5 mm
		00000	dark gray 200 must be singul	2-172 0.75-1 mm ²	60000 COOL	dark gray 2002-1 must be singularize	
		Protective warning n	marker, with high	voltage symbol, black,	Protective warning	marker, with high volta	ge symbol, black,
			for 5 terminal	blocks 2-115 100 (4 × 25)		for 5 terminal bloc yellow 2002-1	
		10000	must be singul	arized	1111.	must be singularize	ed
		Push-in type jumpe		ay, insulated, I _N 25 A 4-402 200 (8 x 25)	Push-in type jump	per bars, light gray, in 2-way 2004-4 0	<mark>isulated, I_N 25 A</mark> 02 200 (8 x 25
		111	3-way 200	4-403 200 (8 × 25)	111	3-way 2004-40	3 200 (8 x 25
		1111		4-404 200 (8 × 25) 4-405 100 (4 × 25)	m	, i	04 200 (8 × 25 05 100 (4 × 25
			: :			: :	
			10-way 200	4-410 100 (4 × 25)		10-way 2004-4	10 100 (4 × 25
		Push-in type jumpe			Push-in type jum	per bars, light gray, ir	
		-		4-433 200 (8 × 25) 4-434 200 (8 × 25)			33 200 (8 × 25 34 200 (8 × 25
		1 1		4-435 100 (4 × 25)	1		35 100 (4 × 25
				4-440 100 (4 × 25)	<u></u>	1 - 10 2004-4	40 100 (4 x 25
		Test plug, with cable				le 500 mm/1′7.7″,∅	
							n <u> </u>
			red 210	-136 50 (5 x 10)		red 210-130	5 30 (5 X 10
			red 210	-136 50 (5 x 10)			5 30 (3 × 10

Application notes



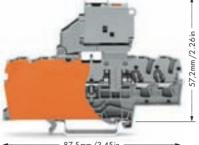


Terminal block width 6.2 mm / 0.244 in

□ 10 – 12 mm / 0.43 in

AWG 22 - 12

0.25 – 2.5 (4) mm² 250 V/6 kV/3 **0** 6.3 A **2**



Terminal block width 6.2 mm / 0.244 in

□ 10 – 12 mm / 0.43 in

AWG 22 - 12

87,5 mm/3.45 in

0.25 – 2.**5 (4)** mm² 250 V/6 kV/3 **0** 6.3 A **2**

	Item no.	Pack. unit		ltem no.	Pack. uni
4-conductor fus	e terminal block wi	ith end plate,	4-conductor fuse t	erminal blocks with e	end plate,
without blown f	use indication		with blown fuse i	ndication by LED	
gray	2002-1811	50		2002-1811/1000-541	50
			gray 30 – 65 V ≃ 🕃	2002-1811/1000-542	50
			gray 110 – 250 V ≃	2002-1811/1000-836	50
End plate for fue	o torminal blocks	mm /0.070 in thick	End plate for fuse	torminal blacks 2 mm	0.070 in thick
End plate for fus	e terminal blocks, 2 gray 2002-		End plate for fuse	terminal blocks, 2 mm/ gray 2002-991	100 (4x25
	gray 2002- orange 2002-			gray 2002-991 orange 2002-992	100 (4x25
Contraction of the local division of the loc	orange 2002-	772 100 (4x23)		ordinge 2002-992	100 (4x23
		Appropriate m	arker systems:		
WMI	B/Marker Strips		,	4, Volume 1, Section 14	()
Insulation stop,		200 strips			200 strip
•		171 00505			
	light gray 2002			light gray 2002-171	0.25-0.5 mm
0000	light gray 2002 dark gray 2002		A000 000	light gray 2002-171 dark gray 2002-172	
AND	0 0 /	-172 0.75-1 mm ²	60000 COLOR		
Protective warnin	dark gray 2002	-172 0.75-1 mm ² rized	Protective warning	dark gray 2002-172 must be singularized marker, with high voltage	0.75-1 mm symbol, black,
Protective warnin	dark gray 2002 must be singula	rized 0.75-1 mm ²	Protective warning	dark gray 2002-172 must be singularized	0.75-1 mm symbol, black
Protective warnin	dark gray 2002 must be singula g marker, with high w for 5 terminal b	rized 0.75-1 mm ²	-	dark gray 2002-172 must be singularized marker , with high voltage for 5 terminal blocks	0.75-1 mm
11111	dark gray 2002 must be singula g marker, with high w for 5 terminal b yellow 2002 must be singula	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized	11111	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized	2 0.75-1 mm 2 symbol, black, 5 100 (4 x 25
11111	dark gray 2002 must be singula g marker, with high w for 5 terminal b yellow 2002	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized	11111	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115	2 0.75-1 mm 2 symbol, black, 5 100 (4 x 25
11111	dark gray 2002 must be singula g marker, with high ve for 5 terminal b yellow 2002 must be singula aper bars, light gray	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized	11111	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized per bars, light gray, insu	2 0.75-1 mm 2 symbol, black, 3 100 (4 x 25 ylated, 1 _N 25 A
11111	dark gray 2002 must be singula g marker, with high w for 5 terminal b yellow 2002 must be singula aper bars, light gray 2-way 2004 3-way 2004	-172 0.75-1 mm ² rized blage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A L402 200 (8 × 25) L403 200 (8 × 25)	11111	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized ter bars, light gray, insu 2-way 2004-402 3-way 2004-403	 0.75-1 mm symbol, black, 100 (4 × 25 100 (4 × 25 / 200 (8 × 25 200 (8 × 25 200 (8 × 25
11111	dark gray 2002 must be singula g marker, with high verified for 5 terminal b yellow 2002 must be singula toper bars, light gray 2-way 2004 3-way 2004	-172 0.75-1 mm ² rized blage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A L402 200 (8 × 25) L403 200 (8 × 25) L404 200 (8 × 25)	11111	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized ter bars, light gray, insu 2-way 2004-402 3-way 2004-404	 0.75-1 mm symbol, black, 100 (4 × 25) 200 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25)
11111	dark gray 2002 must be singula g marker, with high verified for 5 terminal b yellow 2002 must be singula toper bars, light gray 2-way 2004 3-way 2004	-172 0.75-1 mm ² rized blage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A L402 200 (8 × 25) L403 200 (8 × 25)	11111	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized ter bars, light gray, insu 2-way 2004-402 3-way 2004-404	 0.75-1 mm symbol, black, 100 (4 × 25) 200 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25)
11111	dark gray 2002 must be singula g marker, with high v for 5 terminal b yellow 2002 must be singula aper bars, light gray 2-way 2004 3-way 2004 4-way 2004 5-way 2004	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A -402 200 (8 × 25) -403 200 (8 × 25) -404 200 (8 × 25) -405 100 (4 × 25) :	11111	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized ter bars, light gray, insu 2-way 2004-402 3-way 2004-403 4-way 2004-405 : :	 0.75-1 mm symbol, black, 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25)
11111	dark gray 2002 must be singula g marker, with high v for 5 terminal b yellow 2002 must be singula aper bars, light gray 2-way 2004 3-way 2004 4-way 2004 5-way 2004	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A L402 200 (8 × 25) L403 200 (8 × 25) L404 200 (8 × 25) L405 100 (4 × 25)	11111	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized ter bars, light gray, insu 2-way 2004-402 3-way 2004-403 4-way 2004-405 : :	 0.75-1 mm symbol, black, 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25)
Push-in type jun	dark gray 2002 must be singula g marker, with high v for 5 terminal b yellow 2002 must be singula per bars, light gray 2-way 2004 3-way 2004 4-way 2004 5-way 2004 : 10-way 2004	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A -402 200 (8 × 25) -403 200 (8 × 25) -404 200 (8 × 25) -405 100 (4 × 25) -	Push-in type jump	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized ter bars, light gray, insu 2-way 2004-403 3-way 2004-403 4-way 2004-404 5-way 2004-405 : : 10-way 2004-410	 0.75-1 mm symbol, black, 100 (4 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25)
Push-in type jun	dark gray 2002 must be singula g marker, with high v for 5 terminal b yellow 2002 must be singula per bars, light gray 2-way 2004 3-way 2004 4-way 2004 5-way 2004 : 10-way 2004	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A +402 200 (8 × 25) +403 200 (8 × 25) +404 200 (8 × 25) +405 100 (4 × 25) : -410 100 (4 × 25)	Push-in type jump	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized er bars, light gray, insu 2-way 2004-403 3-way 2004-403 4-way 2004-404 5-way 2004-404 5-way 2004-405 : : 10-way 2004-410	 0.75-1 mm symbol, black, 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)
Push-in type jun	dark gray 2002 must be singula g marker, with high v for 5 terminal b yellow 2002 must be singula per bars, light gray 2-way 2004 3-way 2004 4-way 2004 5-way 2004 : 10-way 2004 1-3 2004	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A +402 200 (8 × 25) +404 200 (8 × 25) +405 100 (4 × 25) : +410 100 (4 × 25) ; , insulated, I _N 25 A +433 200 (8 × 25)	Push-in type jump	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized ter bars, light gray, insu 2-way 2004-403 3-way 2004-403 4-way 2004-404 5-way 2004-404 5-way 2004-404 5-way 2004-404 5-way 2004-405 : : 10-way 2004-410	 0.75-1 mm symbol, black, symbol, black, 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (8 × 25)
Push-in type jun	dark gray 2002 must be singula g marker, with high v for 5 terminal b yellow 2002 must be singula 2-way 2004 3-way 2004 4-way 2004 5-way 2004 : 10-way 2004 : 10-way 2004 1 - 3 2004 1 - 4 2004	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A +402 200 (8 × 25) +404 200 (8 × 25) +405 100 (4 × 25) -410 100 (4 × 25) -410 100 (4 × 25) -410 100 (8 × 25) -433 200 (8 × 25) -434 200 (8 × 25)	Push-in type jump	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized ter bars, light gray, insu 2-way 2004-403 3-way 2004-403 4-way 2004-404 5-way 2004-404 5-way 2004-404 5-way 2004-404 1-3 2004-433 1 - 4 2004-434	 0.75-1 mm symbol, black, symbol, black, 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25)
Push-in type jun	dark gray 2002 must be singula g marker, with high v for 5 terminal b yellow 2002 must be singula nper bars, light gray 2-way 2004 3-way 2004 5-way 2004 : 10-way 2004 : 10-way 2004 1 - 3 2004 1 - 5 2004	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A +402 200 (8 × 25) +404 200 (8 × 25) +405 100 (4 × 25) : +410 100 (4 × 25) ; , insulated, I _N 25 A +433 200 (8 × 25)	Push-in type jump	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized ter bars, light gray, insu 2-way 2004-403 3-way 2004-404 5-way 2004-404 5-way 2004-404 5-way 2004-404 5-way 2004-404 1-3 2004-433 1 - 4 2004-434 1 - 5 2004-435	 0.75-1 mm symbol, black, symbol, black, 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25)
Push-in type jun	dark gray 2002 must be singula g marker, with high v for 5 terminal b yellow 2002 must be singula 2-way 2004 3-way 2004 3-way 2004 5-way 2004 1-0-way 2004 1 - 3 2004 1 - 4 2004 1 - 5 2004	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A +402 200 (8 × 25) +403 200 (8 × 25) +404 200 (8 × 25) +405 100 (4 × 25) : +410 100 (4 × 25) ; +433 200 (8 × 25) +434 200 (8 × 25) +435 100 (4 × 25) ;	Push-in type jump	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized ter bars, light gray, insu 2-way 2004-403 3-way 2004-404 5-way 2004-404 5-way 2004-404 5-way 2004-404 5-way 2004-404 5-way 2004-404 5-way 2004-405 : : : 10-way 2004-410 ter bars, light gray, insu 1 - 3 2004-433 1 - 4 2004-434 1 - 5 2004-435	 0.75-1 mm symbol, black, 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25)
Push-in type jun	dark gray 2002 must be singula g marker, with high v for 5 terminal b yellow 2002 must be singula 2-way 2004 3-way 2004 4-way 2004 5-way 2004 1-0-way 2004 1-3 2004 1-4 2004 1-5 2004 1-10 2004	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A +402 200 (8 × 25) +403 200 (8 × 25) +404 200 (8 × 25) +405 100 (4 × 25) -410 100 (4 × 25) +433 200 (8 × 25) +434 200 (8 × 25) +435 100 (4 × 25) -440 100 (4 × 25)	Push-in type jump	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized ter bars, light gray, insu 2-way 2004-402 3-way 2004-403 4-way 2004-404 5-way 2004-405 : : 10-way 2004-410 ter bars, light gray, insu 1 - 3 2004-433 1 - 4 2004-434 1 - 5 2004-435 : : 1 - 10 2004-440	 0.75-1 mm symbol, black, 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 200 (8 × 25)<!--</td-->
Push-in type jun	dark gray 2002 must be singula g marker, with high v for 5 terminal b yellow 2002 must be singula 2-way 2004 3-way 2004 5-way 2004 5-way 2004 1-0-way 2004 1-3 2004 1-4 2004 1-5 2004 1-5 2004 1-10 2004 oble 500 mm/1'7.7", 6	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A +402 200 (8 × 25) +403 200 (8 × 25) +404 200 (8 × 25) +405 100 (4 × 25) : +410 100 (4 × 25) +433 200 (8 × 25) +434 200 (8 × 25) +435 100 (4 × 25) :	Push-in type jump	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized er bars, light gray, insu 2-way 2004-402 3-way 2004-403 4-way 2004-404 5-way 2004-405 : : 10-way 2004-410 er bars, light gray, insu 1 - 3 2004-433 1 - 4 2004-434 1 - 5 2004-435 : : 1 - 10 2004-440 5	 0.75-1 mm symbol, black, 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25)<!--</td-->
Push-in type jun	dark gray 2002 must be singula g marker, with high v for 5 terminal b yellow 2002 must be singula 2-way 2004 3-way 2004 4-way 2004 5-way 2004 1-0-way 2004 1-3 2004 1-4 2004 1-5 2004 1-10 2004	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A +402 200 (8 × 25) +403 200 (8 × 25) +404 200 (8 × 25) +405 100 (4 × 25) : +410 100 (4 × 25) +433 200 (8 × 25) +434 200 (8 × 25) +435 100 (4 × 25) :	Push-in type jump	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized ter bars, light gray, insu 2-way 2004-402 3-way 2004-403 4-way 2004-404 5-way 2004-405 : : 10-way 2004-410 ter bars, light gray, insu 1 - 3 2004-433 1 - 4 2004-434 1 - 5 2004-435 : : 1 - 10 2004-440	 0.75-1 mm symbol, black, 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 200 (8 × 25)<!--</td-->
Push-in type jun	dark gray 2002 must be singula g marker, with high v for 5 terminal b yellow 2002 must be singula 2-way 2004 3-way 2004 5-way 2004 5-way 2004 1-0-way 2004 1-3 2004 1-4 2004 1-5 2004 1-5 2004 1-10 2004 oble 500 mm/1'7.7", 6	-172 0.75-1 mm ² rized oltage symbol, black, locks -115 100 (4 × 25) rized , insulated, I _N 25 A +402 200 (8 × 25) +403 200 (8 × 25) +404 200 (8 × 25) +405 100 (4 × 25) : +410 100 (4 × 25) +433 200 (8 × 25) +434 200 (8 × 25) +435 100 (4 × 25) :	Push-in type jump	dark gray 2002-172 must be singularized marker, with high voltage for 5 terminal blocks yellow 2002-115 must be singularized er bars, light gray, insu 2-way 2004-402 3-way 2004-403 4-way 2004-404 5-way 2004-405 : : 10-way 2004-410 er bars, light gray, insu 1 - 3 2004-433 1 - 4 2004-434 1 - 5 2004-435 : : 1 - 10 2004-440 5	 0.75-1 mm symbol, black, 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25)<!--</td-->



Fuse terminal blocks with a width of 6.2 mm/0.244 in can be assembled adjacent to each other. At the end of an assembly, if there is **no** adjacent fuse or disconnect terminal block, an end plate for fuse erminal blocks must be used.

When selecting miniature metric fuses, the maximum power loss listed below should not be exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23 °C. The temperature rise of the terminal blocks must be checked according to their application and mounting. Higher ambient tem-peratures represent an additional impact on miniature metric fuses. Therefore, in such applications the rated current must be reduced if necessary. More details from the manufacturer.

Miniature metric fuses 5 x 20

Series Item No.	Overloo short circuit		Short circuit protection only			
	Individual Group arrangement arrangement		Individual arrangement	Group arrangement		
	Fuse terminal blocks					
2002-1611 2002-1811	1.6 W	1.6 W	2.5 W	2.5 W		
2002-1811/ 2002-1611/	1.6 W	1.6 W	2.5 W	2.5 W		

Protective warning marker and insulation stop must be singularized.

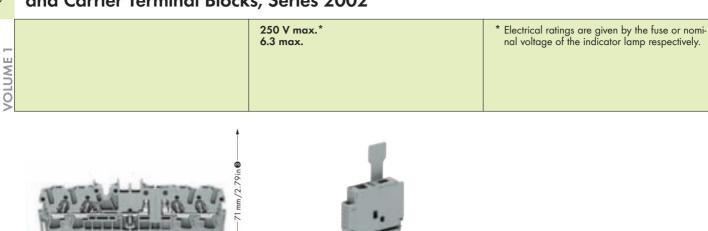
Due to the 6.2 mm/0.244 in width of the fuse terminal blocks with pivotable fuse holder, 2004 Series jumpers must be used.



TOPJOB® Fuse Plugs, Series 2004 and Carrier Terminal Blocks, Series 2002

60

1



Open side of terminal block	Description		ltem no.	Pack. unit
	Fuse plug,	6.1 mm/0.24 in w	idth with pull-tab	
	for miniature metric fuses		2004-0911	50
	5 x 20 mm			
<u> </u>	Fuse plug, same as above,	6.1 mm/0.24 in w	idh with pull-tab	
	with additional indicator lamp,			
	LED, AC/DC 12 – 30 V,	2004-0911/1000-0541 50		
Leakage current in	LED, AC/DC 30 – 65 V,		2004-0911/1000-054	42 50
case of blown fuse LED 5 – 20 mA,	can be used in both switching			
Neon lamp <0.4 mA	directions			
	AC/DC 120 V - 230 V	6.1 mm/0.24 in w	idh with pull-tab	
			2004-0911/1000-083	36 50
1				
Terminal blocks	and accessories Appropriate	e marker systems:	Terminal block WMB/Ma	arker Strips
TAXABLE PARTY	2-conductor carrier terminal block ① ,	Terminal block	width 5.2 mm/0.205 in	
Construction of the	0.25-2.5(4) mm ² /AWG 22-12	gray	2002-1661	50
	Stripped length 9–10 mm/0.37 in			
Contraction of the local division of the loc	End and intermediate plate,	1 mm/0.039		
and the second second	for 2-cond. carrier term. block	orange	2002-1692	100 (4 x 25)
	Item No. 2002-1661	gray	2002-1691	100 (4 x 25)
Total and the second	4-conductor carrier terminal block 2,		width 6 mm/0.236 in	
of presenting in the	0.25-2.5 (4) mm ² /AWG 22-12	gray	2002-1861	50
1	Stripped length 10–12 mm/0.43 in			
Contraction of the local division of the loc	End and intermediate plate,	1 mm/0.039	thick	
No. of Concession, Name	for 4-cond. carrier term. block	orange	2002-1892	100 (4 x 25)
	Item No. 2002-1861	gray	2002-1891	100 (4 x 25)
	Shorting link, 5 x 20 mm,			
	6.3 A, if the fuse plug is used as		281-503	250 (10 x 25)
•	disconnect plug			
	End plate for fuse plug	2 mm/0.079		
		orange	2002-0991	100 (4 x 25)
1 mm		gray	2002-0992	100 (4 x 25)

1 66.5 mm/2.62 in (2-conductor) 2 87.5 mm/3.45 in (4-conductor) 3 with inserted fuse plug

The use of pluggable fuse holders with rail mounted terminal blocks for protection of control circuits offers many advantages to the user since the function and the wiring are accomplished by two separate parts:

- no additional cost for assembly and wiring
- no risk of accidental contact with live parts during disconnection of fuse plug
- in case of exchanging a defective fuse the fuse plug is completely separated from the carrier terminal block
- therefore safe exchange of the fuse away from current carrying parts
- the fuse plug can be taken away by the serviceman avoiding unintentional reclosing of the circuit by another person quick exchange of a fuse by using a prepared "stead humbur"
- "stand-by plug."

Further advantages:

- optional LED indicates blown fuse
- marking facility on the fuse plug for clear coordination to the correct carrier terminal block
- (WSB-Quick Marking System 4 mm/0.157 in) two touchproof test slots
- high density with only 6,1 mm/0.24 in width of terminal block/fuse plug
- instead of a fuse, a shorting link may be used as a disconnect plug.

When corresponding Neutral-circuit is adjacent to a fuse plug, a 5.2 mm/0.205 in wide space saving terminal block may be used, as a 6.1 mm/0.24 in fuse plug may overlap the terminal block. See diagram below.

Miniature metric fuses 5 x 20

Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual Group arrangement arrangement		Individual Group arrangement arrangeme	
	Fuse termi		nal blocks	
2004-0911 2004-0911/	1.6 W	1.6 W	2.5 W	2.5 W

