

# ALPHA FIX Terminal Blocks

## ALPHA FIX 8WA and 8WH Terminals with Screw Connection

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### Mounting rails/protective conductor busbars

#### Technical specifications

Mounting rail type							Excerpt from IEC 60947-7-2/ EN 60947-7-2/VDE 0611 part 3		
Width	Height	Thick- ness	Perforation type	Material	Surface	Rail profile	Short-circuit rating $\cong$ E CU conductor	Short-time withstand current, 1 s	Max. permissi- ble thermal rated current at PEN function
mm	mm	mm					mm <sup>2</sup> 1)	kA	A
35	7.5	1.5	Without apertures	Steel	Chromated	Mounting rail, acc. to EN 60715 – 35 x 7.5	16	1.92	2)
35	7.5	1.5	Perforated	Steel	Chromated	Mounting rail, acc. to EN 60715 – 35 x 7.5	16	1.92	2)
35	7.5	1.5	Without apertures	Steel	Galvanized	Mounting rail, dimensions acc. to EN 60715 – 35 x 7.5	16	1.92	2)
35	7.5	1.5	Perforated	Steel	Galvanized	Mounting rail, dimensions acc. to EN 60715 – 35 x 7.5	16	1.92	2)
35	7.5	1.5	Without apertures	V2A high-grade steel	Chromated	Mounting rail, dimensions acc. to EN 60715 – 35 x 7.5	16	1.92	2)
35	7.5	1.5	Without apertures	Copper	Chromated	Mounting rail, dimensions acc. to EN 60715 – 35 x 7.5	50	6.0	150
35	7.5	1.5	Without apertures	Aluminum	Chromated	Mounting rail, dimensions acc. to EN 60715 – 35 x 7.5	35	4.2	125
35	15	2.3	Without apertures	Steel	Chromated	Mounting rail, acc. to EN 60715 – 35 x 15	50	6.0	2)
35	15	1.5	Without apertures	Steel	Chromated	Mounting rail, similar to EN 60715 – 35 x 15	35	4.2	2)
35	15	1.5	Perforated	Steel	Chromated	Mounting rail, similar to EN 60715 – 35 x 15	35	4.2	2)
35	15	1.5	Without apertures	Steel	Galvanized	Mounting rail, similar to EN 60715 – 35 x 15	35	4.2	2)
35	15	1.5	Perforated	Steel	Galvanized	Mounting rail, similar to EN 60715 – 35 x 15	35	4.2	2)
35	15	1.5	Without apertures	Copper	Chromated	Mounting rail, similar to EN 60715 – 35 x 15	95	11.4	232
35	15	1.5	Without apertures	Aluminum	Chromated	Mounting rail, similar to EN 60715 – 35 x 15	70	8.4	192

1) Cross-sections calculated according to IEC 60439-1 / EN 60439-1 / EN 60439-1 / VDE 0660 Part 500.

2) Steel protective conductor busbars are not permissible for PEN function.