



Push-in terminal block 4mm<sup>2</sup>,  
2-levels, feed-through+earth, grey color

<b>Series</b>	EFD
<b>Code</b>	EFD420GR
<b>Type</b>	EFD.4/E/GR
<b>HS code</b>	85369010
<b>Colour</b>	Grey
<b>TECHNICAL FEATURES</b>	
<b>Function/Type</b>	2 levels (feed-through + earth)
<b>Rated cross-section</b>	4 mm <sup>2</sup>
<b>Connecting capacity</b>	
<b>Flexible wire</b>	0.2-6 mm <sup>2</sup>
<b>Rigid wire</b>	0.2-6 mm <sup>2</sup>
<b>Wire with ferrule - ferrule type</b>	4 mm <sup>2</sup> – WP40/16
<b>Electrical characteristics according to IEC EN standard</b>	
<b>Maximum voltage AC/DC</b>	800 V
<b>Maximum current (rated cross-section)</b>	29 A
<b>Caliber</b>	A4
<b>Electrical characteristics according to UL Standard</b>	
<b>Maximum voltage AC/DC</b>	600 V (UG D) – 300 V (UG B,C)
<b>Maximum current (rated cross-section)</b>	30 A
<b>Section (min-max)</b>	24-10 (AWG)
<b>Electrical characteristics according to ATEX directive and IEC Ex standard</b>	
<b>Maximum voltage AC/DC</b>	500 V
<b>Maximum current (rated cross-section)</b>	23 A
<b>Operating temperature Min/Max</b>	-40 °C / +110 °C
<b>Rated impulse withstand voltage / pollution degree</b>	6 kV / 3
<b>Insulation stripping length</b>	10 mm
<b>Width (pitch)</b>	6.2 mm
<b>Length</b>	81.7 mm
<b>Height mounted on TH35-7.5/TH35-15/G32</b>	57.7 / 65.2 / – mm
<b>Insulation material temperature index (EN 60216-1)</b>	130 °C
<b>Plastic material</b>	Polyamide UL94V-0
<b>ACCESSORIES</b>	
<b>End section</b>	
<b>Grey</b>	EFD.4/PT/GR (cod. EFD401GR)
<b>Blue</b>	EFD.4/PT/BL (cod. EFD401BL)
<b>Thickness</b>	1.5 mm
<b>Cross-connection</b>	EFB.4/.../... (cod. EFB04...)
<b>Rated current carrying capacity IEC/ATEX</b>	29 A / 25 A
<b>Coloured partition plate</b>	DFE.2P/R (cod. DFE04R)
<b>Marking</b>	
<b>Adhesive numbering strip</b>	–
<b>Snap-on numbering strip</b>	–
<b>Single marking tag</b>	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
<b>Single marking tag for pitch insertion</b>	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)
<b>End bracket</b>	
<b>TH35 screw type</b>	BT/3 (cod. BT003)
<b>TH35 snap-fit type</b>	BTO (cod. BT007)
<b>TH35 and G32 snap-fit type</b>	BTU (cod. BT005)
<b>DIN rail according to IEC 60715/TH35</b>	PR/3/..
<b>APPROVALS AND MARKINGS</b>	  



\* Reduced wiring time\* Wire release push button  
1 For more details on accessories, refer to the relevant chapters

## PRODUCT DESCRIPTION

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Push-in terminal block 4mm<sup>2</sup>, 2-levels, feed-through+earth, grey color