



## Single-pole terminal block 80A ECO series

Series	QBLOK
Code	QBLOK1P080E
Type	QBLOK1P080A07E
Colour	–
HS code	85369010
<b>TECHNICAL FEATURES</b>	
Function/Type	Distribution terminal board
Number and rated cross connection	
A	1 x 16 mm <sup>2</sup>
B	2 x 16 mm <sup>2</sup>
C	4 x 6 mm <sup>2</sup>
D	–
Input A	
Connecting capacity (flexible)	6-16 mm <sup>2</sup>
Connecting capacity (rigid)	6-16 mm <sup>2</sup>
Connecting capacity (with ferrule)	10 mm <sup>2</sup>
Supply bar dimension	
Output B	
Connecting capacity (flexible)	2.5 – 16 mm <sup>2</sup>
Connecting capacity (rigid)	2.5 – 16 mm <sup>2</sup>
Connecting capacity (with ferrule)	10 mm <sup>2</sup>
Output C	
Connecting capacity (flexible)	2.5–6 mm <sup>2</sup>
Connecting capacity (rigid)	2.5–6 mm <sup>2</sup>
Connecting capacity (with ferrule)	4 mm <sup>2</sup>
Output D	
Connecting capacity (flexible)	
Connecting capacity (rigid)	
Connecting capacity (with ferrule)	
<b>Electrical characteristics according to IEC EN standard</b>	
Maximum voltage AC/DC	1000 Vac / 1000 Vdc
Maximum current (rated cross-section)	80 A
Caliber	–
<b>Electrical characteristics according to UL Standard</b>	
Maximum voltage AC/DC	600 Vac / 600 Vdc
Maximum current (rated cross-section)	85 A
Section (min-max)	A: 16-4 / B: 16-4 / C: 16-8
Tightening torque value (UL)	A: 19.5 / B: 19.5 / C: 10.6
Short term current allowed (I <sub>cw</sub> ) (value effective for 1s)	3 kA
Peak current (I <sub>pk</sub> )	22 kA
Rated impulse withstand voltage / pollution degree	4 kV / 3
Insulation stripping length	A: 17.0 / B: 17.0/ C: 10.2 mm
Tightening torque value (nom. / max.)	3,5/3,5/1,2/- Nm (2)
Plastic material	Polyamide, polycarbonate
Width (pitch)	27.2 mm
Length	65 mm
Height mounted on TH35-7.5/TH35-15	
Height for panel mounting	
<b>ACCESSORIES</b>	
Marking	
Single marking tag	–
Marking tag	
End bracket	
TH35 screw type	BT/3 (cod. BT003)
TH35 snap-fit type	BTO (cod. BT007)
TH35 and G32 snap-fit type	BTU (cod. BT005)
<b>Mounting rail</b>	
DIN rail according to IEC 60715/TH35	PR/3/..
IEC 60715/TH35	–
<b>APPROVALS AND MARKINGS</b>	
Rated cross-section	
Rated cross-section	
Rated cross-section	



## PRODUCT DESCRIPTION

QBLOK1P080A07E Single-pole terminal block 80A ECO series