

LEAFLET

# Industrial plugs and sockets

## For mines



ABB has extensive experience designing and producing industrial plugs and sockets. High functionality, reliability and safety are aspects highly valued by our customers. The high quality and robust design makes ABB's industrial plugs and sockets ideal for heavy-duty applications, providing a low total cost of ownership.

In dark mining galleries, much of the equipment used is mobile. To efficiently move down the levels of the mine, equipment requires quick and reliable access to temporary power connections. Many use distribution panels at higher levels of the mine. But if a breaker trips, the operation below halts – resulting in frustrating and costly down-time. Using ABB's industrial sockets with a built-in breaker allows for instant reset at the spot, saving both money and time. It cuts the length of the downtime and ultimately increases productivity in the mine.

Another problem in the mine is the length and number of cables used to power the equipment. A way to reduce the amount of cables used is by

having socket outlets prepared for looping. With several sockets looped you can power more equipment using one single cable, thus reducing the overall installation cost. ABB offers both products with built-in breakers and sockets prepared for looping – both designed to operate perfectly in tough environments.

When you look for industrial plugs and sockets for tough environments, look for ABB's Tough & Safe and Critical & Safe range. With a tough outer shell, and innovative features, these product groups are designed specifically to deal with the challenges of tough industry environments such as chemicals, impacts, humidity and UV exposure.



416MM6



216MVS6WH



416MVS6WH



216RL6W



416RL6W



216RPM6W  
216RPR6W  
216RP6WP



416RPM6W  
416RPR6W  
416RP6WP

Terminals/ poles	Color code	Voltage V	Frequency Hz	Type	Order Code	Pkg qty	Weight pkg (1pce) kg
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#### Switched interlocked socket outlet, 16 A, IP 44, splashproof

Enclosure in aluminum. Cable entry 2xM25 + 2xM32. Cable area 1.5...4 mm<sup>2</sup>

3P+N+E	Red	346...415	50 and 60	416MM6 <sup>1)</sup>	2CMA167984R1000	1	1.32
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#### Switched interlocked socket outlet, Heavy duty, 16 A, IP 67, watertight

Enclosure in plastic (PBT). Cable entry with knock-outs Ø25 + 32 mm on top and drill marks on bottom. Cable area 1.5...4 mm<sup>2</sup>

2P+E	Blue	200...250	50 and 60	216MVS6WH <sup>1)</sup>	2CMA163257R1000	1	1.75
3P+N+E	Red	346...415		416MVS6WH <sup>1)</sup>	2CMA163272R1000		1.83

#### Surface socket outlets for looping, 16 A, IP 67, watertight

Enclosure in plastic (PBT). Cable entry with knock-outs 2xØ25 mm. Terminal block 2x(2.5...10mm<sup>2</sup>). Outlet is connected to terminal block.

2P+E	Blue	200...250	50 and 60	216RL6W	2CMA168458R1000	1	0.63
3P+N+E	Red	346...415		416RL6W	2CMA168475R1000		0.68

#### Surface socket outlets with protection, 16 A, IP 67, watertight

Enclosure in plastic (PBT). Contains MCB type S201/S203 characteristic C. Cable entry with knock-outs 2xØ25 mm. Cable area 1.5...10mm<sup>2</sup>

2P+E	Blue	200...250	50 and 60	216RPM6W	2CMA168197R1000	1	1.16
3P+N+E	Red	346...415		416RPM6W	2CMA168214R1000		1.21

#### Surface socket outlets with protection, 16 A, IP 67, watertight

Enclosure in plastic (PBT). Contains RCD 25A/0.03 A, type A. Cable entry with knock-outs 2xØ25 mm. Cable area 1.5...10mm<sup>2</sup>

2P+N	Blue	200...250	50 and 60	216RPR6W	2CMA168324R1000	1	1.16
3P+N+E	Red	346...415		416RPR6W	2CMA168341R1000		1.21

#### Surface socket outlets with protection, 16 A, IP 67, watertight

Enclosure in plastic (PBT). Cable entry with knock-outs 2xØ25 mm. Cable area 1.5...10mm<sup>2</sup>. Delivered without MCB/RCD but with space for 4 modules.

2P+N	Blue	200...250	50 and 60	216RP6W	2CMA164572R1000	1	0.82
3P+N+E	Red	346...415		416RP6W	2CMA164589R1000		0.94

<sup>1)</sup> - The switch insert can be equipped with an auxiliary contact.

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