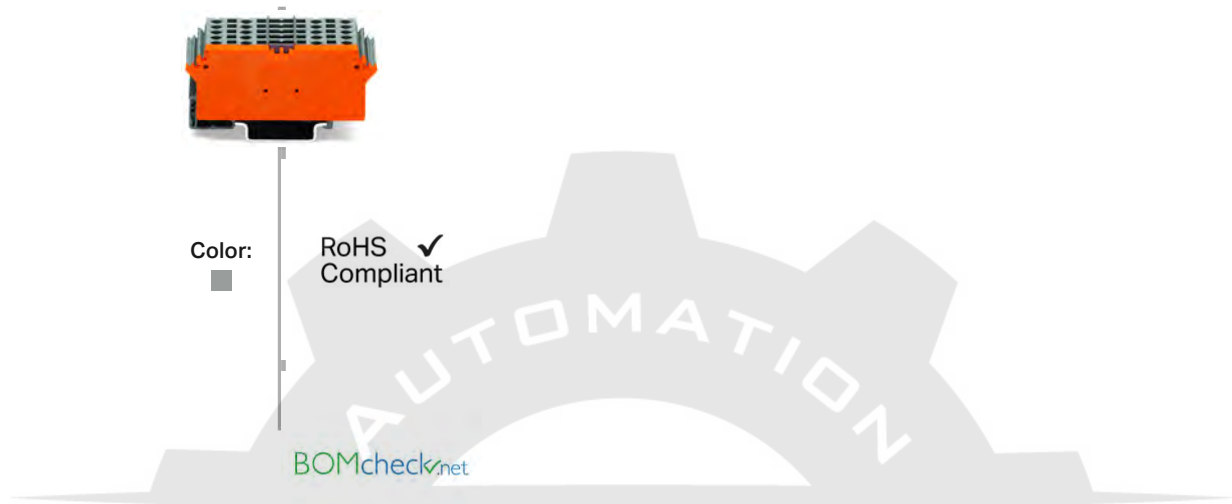


Data sheet | Item number: 280-765

Terminal block for pluggable modules; 20-pole; with 4-conductor terminal blocks; with marker carrier; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®



280-765



Color:



RoHS
Compliant ✓

Data

Electrical data

Rated continuous current	10 A
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Safety and protection:

Rated voltage	400 V
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Rated impulse voltage	6 kV
-----------------------	------

Pollution degree	3
------------------	---

Connection data

Total number of potentials	2
----------------------------	---

Number of connection types	4
----------------------------	---

Connection technology	CAGE CLAMP®
-----------------------	-------------

Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
-----------------	--

Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
-------------------------	--

Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
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Type of wiring	Front-entry wiring
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Geometrical Data

Width	30 mm / 1.181 inch
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Height from upper-edge of DIN-35 rail	28 mm / 1.102 inch
---------------------------------------	--------------------

Depth	73 mm / 2.874 inch
-------	--------------------

Mechanical data

Type of mounting	DIN-35 rail
------------------	-------------

Material Data

Color	gray
Fire load	0.803 MJ
Weight	44.38 g

Commercial data

Country of origin	DE
GTIN	4044918635738
Customs Tariff No.	85369010000

Compatible products

Protective Warning Marker

	Item no.: 280-415 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	280-415
ferrule		
	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated	216-101
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated	216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	216-103
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated	216-104
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated	216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated	216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated	216-203

**Item no.: 216-204**Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated

216-204

Item no.: 216-301Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated

216-301

**Item no.: 216-302**Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated

216-302

Marking accessories**Item no.: 2009-115**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

**Item no.: 2009-115/000-002**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-002

2009-115

**Item no.: 2009-115/000-006**

WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006

2009-115

**Item no.: 2009-115/000-007**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-007

2009-115

**Item no.: 2009-115/000-012**

WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-012

2009-115

**Item no.: 2009-115/000-017**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-017

2009-115

**Item no.: 2009-115/000-023**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-023

2009-115

**Item no.: 2009-115/000-024**

WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-024

2009-115

**Item no.: 793-5501**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type

793-5501

**Item no.: 793-5501/000-002**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type

/000-002

793-5501

**Item no.: 793-5501/000-005**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-005

793-5501

**Item no.: 793-5501/000-006**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006

793-5501

**Item no.: 793-5501/000-007**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-007

793-5501

**Item no.: 793-5501/000-012**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-012

793-5501

**Item no.: 793-5501/000-017**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-017

793-5501

**Item no.: 793-5501/000-023**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-023

793-5501

**Item no.: 793-5501/000-024**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

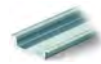
/000-024

793-5501

Carrier rail**Item no.: 210-112**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm

210-112

**Item no.: 210-113**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715

210-113

**Item no.: 210-114**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715

210-114

**Item no.: 210-115**

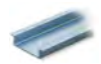
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm

210-115

**Item no.: 210-118**

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715

210-118

**Item no.: 210-196**

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715

210-196

**Item no.: 210-197**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715

210-197

**Item no.: 210-198**

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715

210-198

**Item no.: 210-504**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715

210-504

**Item no.: 210-505**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715

210-505

**Item no.: 210-506**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715

210-506

**Item no.: 210-508**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715

210-508

General accessories

**Item no.: 231-668**

Lockout caps; for covering unused clamping units

231-668

**Item no.: 231-669**

Lockout caps; for covering unused clamping units

231-669

**Item no.: 249-105**

Group marker carrier

249-105

**Item no.: 286-110**

Empty component plug housing; Type 9; 10 mm wide; 4-pole

286-110

**Item no.: 286-111**

Empty component plug housing; Type 10; 15 mm wide; 6-pole

286-111

**Item no.: 286-112**

Empty component plug housing; Type 11; 20 mm wide; 8-pole

286-112

**Item no.: 286-113**

Empty component plug housing; Type 12; 25 mm wide; 10-pole

286-113

**Item no.: 286-304**

Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 7 A; Red status indicator; Module width: 15 mm

286-304

**Item no.: 286-304/004-000**

Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 7 A; Path; Red status indicator; Module width: 15 mm

286-304

/004-000

**Item no.: 286-307/004-000**

Relay module; Nominal input voltage: 110 VDC; 1 changeover contact; Limiting continuous current: 7 A; Path; Red status indicator; Module width: 15 mm

286-307

/004-000

**Item no.: 286-312**

Relay module; Relay with 2 changeover contacts (2u)

286-312

**Item no.: 286-312/004-000**

Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 7 A; Path; Red status indicator; Module width: 20 mm

286-312

/004-000

**Item no.: 286-316**

Relay module; Nominal input voltage: 220 VDC; 2 changeover contacts; Limiting continuous current: 7 A; Red status indicator; Module width: 20 mm

286-316

**Item no.: 286-320**

Relay module; Nominal input voltage: 24 VDC; 1 break and 1 make contact; Limiting continuous current: 6 A; Red status indicator; Module width: 20 mm

286-320

**Item no.: 286-320/004-000**

Relay module; Nominal input voltage: 24 VDC; 1 break and 1 make contact; Path; Red status indicator; Module width: 20 mm

286-320

/004-000

**Item no.: 286-328**

Relay module; Nominal input voltage: 24 VDC; 2 make contact; Limiting continuous current: 6 A; Red status indicator; Module width: 20 mm

286-328

**Item no.: 286-328/004-000**

Relay module; Nominal input voltage: 24 VDC; 2 make contact; Limiting continuous current: 6 A; Path; Red status indicator; Module width: 20 mm

286-328

/004-000

**Item no.: 286-336/001-000**

Relay module; Nominal input voltage: 24 VDC; 2 break and 2 make contacts; Red status indicator;
Module width: 25 mm

286-336

/001-000

**Item no.: 286-344/004-000**

Relay module; Nominal input voltage: 24 VDC; 3 break contacts and 1 make contact; Path; Red status indicator; Module width: 25 mm

286-344

/004-000

**Item no.: 286-352/004-000**

Relay module; Nominal input voltage: 24 VDC; 4 make contacts; Limiting continuous current: 5 A; Path; Red status indicator; Module width: 25 mm

286-352

/004-000

**Item no.: 286-364**

Relay module; Nominal input voltage: 24 VDC; 1 make contact; Limiting continuous current: 5 A; Red status indicator; Module width: 10 mm

286-364

**Item no.: 286-364/004-000**

Relay module; Nominal input voltage: 24 VDC; 1 make contact; Path; Red status indicator; Module width: 10 mm

286-364

/004-000

**Item no.: 286-368**

Relay module; Nominal input voltage: 24 VDC; 1 break contact; Limiting continuous current: 5 A; Red status indicator; Module width: 10 mm

286-368

**Item no.: 286-368/004-000**

Relay module; Nominal input voltage: 24 VDC; 1 break contact; Limiting continuous current: 5 A; Path; Red status indicator; 10 mm wide

286-368

/004-000

**Item no.: 286-376**

Relay module; Nominal input voltage: 24 VDC; 1 make contact; Limiting continuous current: 5 A; for switching higher DC loads; Red status indicator; Module width: 15 mm

286-376

**Item no.: 286-380**

Bistable relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Red status indicator; Module width: 15 mm

286-380

**Item no.: 286-381**

Bistable relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Red status indicator; Module width: 15 mm

286-381

**Item no.: 286-394/004-000**

Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Path; Red status indicator; Module width: 15 mm

286-394

/004-000

**Item no.: 286-427**

Timer relay module; Nominal input voltage: 24 VDC; Limiting continuous current: 5 A; Pulse lengthening: 1 ... 10 s; Red status indicator; Module width: 20 mm

286-427

**Item no.: 286-507**

Relay module; Nominal input voltage: 115 VAC; 1 changeover contact; Limiting continuous current: 7 A; Red status indicator; Module width: 15 mm

286-507

**Item no.: 286-508**

Relay module; Nominal input voltage: 230 VAC; 1 changeover contact; Limiting continuous current: 7 A; Red status indicator; Module width: 15 mm

286-508

**Item no.: 286-516**

Relay module; Nominal input voltage: 230 VAC; 2 changeover contacts; Limiting continuous current: 7 A; Red status indicator; Module width: 15 mm

286-516

**Item no.: 286-573**

Latching relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Red status indicator; Module width: 17 mm

286-573

	Item no.: 286-575 Stromstoßschaltermodul; Eingangsnennspannung DC 24 V; 1 Wechsler; Grenzdauerstrom 3 A; Bahn; Statusanzeige rot; 22 mm Baubreite	286-575
	Item no.: 286-604/004-000 Timer relay module; Nominal input voltage: 24 VDC; Limiting continuous current: 6 A; On-delay: 10 ... 100 s; Red status indicator; Module width: 20 mm	286-604 /004-000
	Item no.: 286-640 Timer relay module; Nominal input voltage: 24 VDC; Limiting continuous current: 6 A; Path; Multifunction/Multitime; Yellow status indicator; Module width: 6 mm	286-640
	Item no.: 286-640/004-000 Multifunction timing relay module; Relay with 1 changeover contact (1u); 4 time ranges; for railway operations; 4 functions	286-640 /004-000
	Item no.: 286-661 Current flow monitoring module; AC current flow monitoring module; 80 mA ... 6 A	286-661
	Item no.: 286-662 Current flow monitoring module; DC current flow monitoring module; 0.4 A ... 3.5 A; Relay with 1 make contact (1a)	286-662
	Item no.: 286-664 Current flow monitoring module; AC current flow monitoring module; 1 A ... 10 A; Adjustable; Relay with 1 changeover contact (1u)	286-664
	Item no.: 286-665 Current flow monitoring module; Relay with 1 changeover contact (1u); adjustable	286-665
	Item no.: 286-721 Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 15 ... 30 VDC; Limiting continuous current: 5 A; 3-wire connection/low-side switching; Red status indicator; Module width: 15 mm	286-721
	Item no.: 286-723 Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 15 ... 30 VDC; Limiting continuous current: 4 A; 3-wire connection/high-side switching; Red status indicator; Module width: 15 mm	286-723
	Item no.: 286-725 Optocoupler module; Input AC/DC 10 V ... 30 V; Output DC 24 V/ 1 mA ... 0.5 A; negative switching	286-725
	Item no.: 286-742 S0 interface power supply; Input voltage: 230 VAC; S0 interface	286-742
	Item no.: 286-752 Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 20 ... 30 VDC; Limiting continuous current: 0.5 A; 3-wire connection/high-side switching; Frequency: 25 kHz; Red status indicator; Module width: 15 mm	286-752
	Item no.: 286-752/002-000 Optocoupler module; Red status indicator	286-752 /002-000
	Item no.: 286-790 Optocoupler module	286-790
	Item no.: 286-791 Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 20 ... 60 VDC; Limiting continuous current: 0.1 A; 2-wire connection; Frequency: 3 kHz; Red status indicator; Module width: 10 mm	286-791

	Item no.: 286-792 Optocoupler module; Red status indicator	286-792
	Item no.: 286-794 Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 20 ... 60 VDC; Limiting continuous current: 0.1 A; 2-wire connection; Red status indicator; Module width: 10 mm	286-794
	Item no.: 286-797 Optocoupler module; Red status indicator	286-797
	Item no.: 286-803 Component module with diode	286-803
	Item no.: 286-805 Component module with diode	286-805
	Item no.: 286-807 Component module with diode; with 7 pcs; Diode 1N4007; with common anode	286-807
	Item no.: 286-809 Component module with diode	286-809
	Item no.: 286-822 Component module with LED; Red LED; with common cathode	286-822
	Item no.: 286-826 AND gate module with 6 inputs	286-826
	Item no.: 286-830 Bridge rectifier module; Input voltage: 24 VAC; with varistor protective circuit	286-830
	Item no.: 286-831 Surge suppression module for signal technology; Nominal voltage: 24 VAC/DC; for 2 signal paths with common surge arrester; plugged on rail-mount terminal block, 15 mm wide	286-831
	Item no.: 286-832 Surge suppression module for signal technology; Nominal voltage: 24 VAC/DC; for 2 signal paths with common surge arrester; pluggable on rail-mount terminal block, 20 mm wide	286-832
	Item no.: 286-833 Surge suppression module for signal technology; Nominal voltage: 24 VDC; for 1 signal path; plugged on rail-mount terminal block, 15 mm wide	286-833
	Item no.: 286-834 Surge suppression module for signal technology; Nominal voltage: 12 VDC; for 2 signal paths with common surge arrester; pluggable on rail-mount terminal block, 20 mm wide	286-834
	Item no.: 286-834/024-000 Surge suppression module for signal technology; Nominal voltage: 24 VDC; for 2 signal paths with common surge arrester; pluggable on rail-mount terminal block, 15 mm wide	286-834 / 024-000
	Item no.: 286-835 Surge suppression module for signal technology; Nominal voltage: 230 VAC; for 2 signal paths with common surge arrester; plugged on rail-mount terminal block, 15 mm wide	286-835
	Item no.: 286-835/115-000 Surge suppression module for signal technology; Nominal voltage: 115 VAC; for 2 signal paths with common surge arrester; plugged on rail-mount terminal block, 15 mm wide	286-835 / 115-000
	Item no.: 286-836 Surge suppression module for signal technology; Nominal voltage: 24 VAC/DC; for 2 signal paths with common surge arrester; plugged on rail-mount terminal block, 15 mm wide	286-836

**Item no.: 286-838**

286-838

Surge suppression module for signal technology; Nominal voltage: 230 VAC; for 2 signal paths with common surge arrester; with visual indicator

**Item no.: 286-840**

286-840

Bridge rectifier module; Input voltage: 250 VAC; with varistor protective circuit

**Item no.: 286-841**

286-841

Surge suppression module for signal technology; Nominal voltage: 220 VDC; for 2 signal paths with common surge arrester; pluggable on rail-mount terminal block, 25 mm wide

**Item no.: 286-842**

286-842

Surge suppression module for signal technology; Nominal voltage: 230 VAC; for 2 signal paths with common surge arrester; pluggable on rail-mount terminal block, 25 mm wide

**Item no.: 286-843**

286-843

Surge suppression module for signal technology; Nominal voltage: 115 VAC; for 2 signal paths with common surge arrester; pluggable on rail-mount terminal block, 25 mm wide

**Item no.: 286-844**

286-844

Surge suppression module for signal technology; for 2 signal paths with common surge arrester; pluggable on rail-mount terminal block, 25 mm wide

**Item no.: 286-890**

286-890

Component module with fuse; for (5 x 20) mm microfuse; Nominal voltage: 24 VAC/DC

**Item no.: 286-891**

286-891

Component module with fuse; for (5 x 20) mm microfuse; Nominal voltage: 230 VAC/DC

**Item no.: 286-895**

286-895

Switching module; with changeover rocker switch; Switching voltage: 250 VAC; Switching current: 6 A

**Item no.: 286-896**

286-896

Switching module; Changeover; 1-pole; with momentary switch

**Item no.: 786-103**

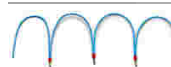
786-103

Empty component plug housing; Type 16; 25 mm wide; 10-pole

Jumper**Item no.: 210-103**

210-103

Wire commoning chain; insulated; 50 connections

**Item no.: 210-123**

210-123

Wire commoning chain; insulated; 50 connections

**Item no.: 280-482**

280-482

Comb-style jumper bar; insulated; 2-way; IN = IN terminal block

**Item no.: 280-483**

280-483

Comb-style jumper bar; insulated; 3-way; IN = IN terminal block

**Item no.: 280-484**

280-484

Comb-style jumper bar; insulated; 4-way; IN = IN terminal block

**Item no.: 280-485**

280-485

Comb-style jumper bar; insulated; 5-way; IN = IN terminal block

**Item no.: 280-490**

280-490

Comb-style jumper bar; insulated; 10-way; IN = IN terminal block

**Item no.: 280-492**

280-492

Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block



Item no.: 709-110
Wire commoning chain; insulated; 4 connections; 3 x 110 mm

709-110



Item no.: 709-111
Wire commoning chain; insulated; 3 connections; 2 x 120 mm

709-111



Item no.: 709-112
Wire commoning chain; insulated; 3 connections; 2 x 170 mm

709-112

assembling



Item no.: 210-148
Angled support bracket; without screw

210-148



Item no.: 210-149
Screw M 5 x 8; for angled support bracket

210-149

tools



Item no.: 210-657
Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short

210-657



Item no.: 210-658
Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short; angled

210-658



Item no.: 210-720
Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

210-720

Downloads

Documentation

Bid Text

280-765	Jan 22, 2016	doc	Download
Basisklemmenblock		23.6 kB	

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	Download
		265.8 kB	

CAD/CAE - Smart Data

CAD data

3D Download 280-765	URL	Download
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Subject to changes.
