

DIGITAL INDUSTRIES SOFTWARE

Simcenter SCADAS RS Mechanic Accessories

Simcenter/SCRSA/Mechanic/2024/20240610

Product Information Sheet

Summary

Simcenter SCADAS RS

Mechanic Accessories

Collection of Simcenter SCADAS RS accessories related to Mounting Parts, Protection Electrical Cables, Protection Mechanical Caps, Transportation Case.

Mounting Parts

- SCRSA-ACC-001 Side clamps (set of 2)
- SCRSA-ACC-002 Brackets (set of 2)
- SCRSA-ACC-005 Stacking tools (set of 4)

Blocks

- SCRSA-ACC-006 Cooling block

Cables

- SCRSA-CAB001 Grounding cable, 3 m

Protective caps

- SCRSA-CAP001 Protective caps CU 24 connectors
- SCRSA-CAP002 Protective caps CU 12 connectors
- SCRSA-CAP003 Protective caps set REC
- SCRSA-CAP004 Protective caps set UPS
- SCRSA-CAP005 Protective caps set DI
- SCRSA-CAP007 Protective caps set ECAT

Transportation Cases

- SCRSA-CASE01 Travel case single unit
- SCRSA-CASE02 Travel case 6 units



Mounting Parts

Side clamps (set of 2)

Code:	SCRSA-ACC-001
Name:	Set of 2 clamps for tie-belt mounting of Simcenter SCADAS RS units
Supported SCRS Units:	REC, UPS, U12, B24, S24
Notes:	Mounting Parts item.
Part number:	42251160
Dimensions:	66.5 x 63 x 18.5 mm
Remarks:	Treatment: Deburr (barrel finish) and powder coating. Powder coating and Color: type PL65-RAL9017 (Black) ($\pm 100 \mu$) fine texture (30 % gloss).



Brackets (set of 2)

Code:	SCRSA-ACC-002
Name:	Set of 2 brackets for combination of 6x Simcenter SCADAS RS units
Supported SCRS Units:	REC, UPS, U12, B24, S24
Notes:	Mounting Parts item.
Part number:	42251163
Dimensions:	228 x 40 x 353 mm
Remarks:	Treatment: Powder coating. Powder coating and Color: type PL65-RAL9017 (Black) ($\pm 100 \mu$) fine texture (30 % gloss).



Stacking tools (set of 4)

Code:	SCRSA-ACC-005
Name:	Set of spare stacking parts for Simcenter SCADAS RS unit
Supported SCRS Units:	REC, UPS, U12, B24, S24
Notes:	Mounting Parts item.
Part number:	Catchpart
Dimensions:	73.6 x 56.81 x 24.3 mm
Materials:	POM, copolymer
Remarks:	Color: Black
Standards:	DIN 16742-TG5



Protection Thermal Block

Cooling block

Code: SCRSA-ACC-006

Name: Cooling block for SCADAS RS REC

Supported SCRS Units: REC

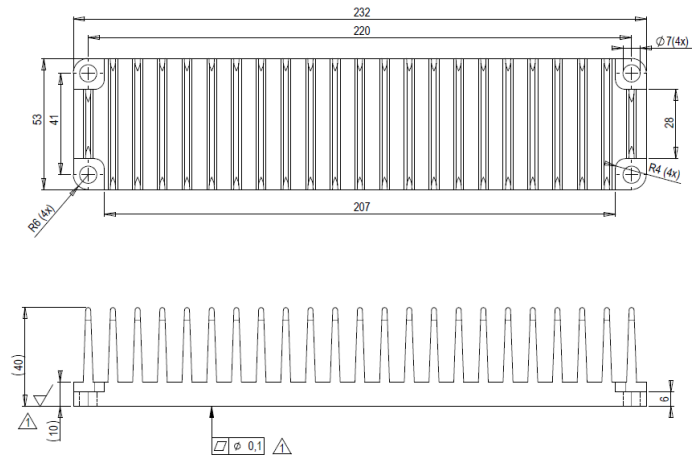
Notes: Protection Thermal Block item.
Clean the back side of the REC of any dust or finger grease.
Do not touch the (blue) thermal interface material. Any finger grease or dust will reduce efficiency.
Mount the heatsink to the back of the SCRS-REC with 4x M6x16 socket screws and washers. Tighten all screws only just a bit (bottom side of the screwheads should barely touch the washers), as final tightening should be done with recommended torque (6Nm), after aligning the heatsink.

Part number: 42251173

Dimensions: 232 x 53 x 40 mm

Materials: Deltour, DEF130
Anodized black

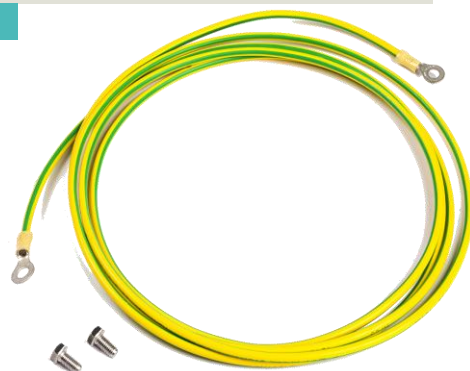
Standards: ISO 2768mK



Protection Electrical Cables

Grounding cable, 3 m

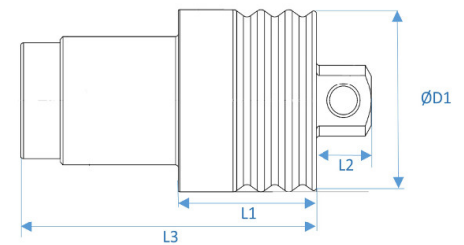
Code:	SCRSA-CAB001
Name:	Grounding cable for Simcenter SCADAS RS units
Supported SCRS Units:	REC, UPS, U12, B24, S24
Notes:	Protection Electrical Cables item. Useful when connecting Unit chassis to a structure ground.
Part number:	80201200 / 1238000
Dimensions:	3 m
Size:	M6
Temperature:	Fixed installation: -55 °C to +125 °C (-67 °F to +257 °F) Temporary (3.000 h): up to +145 °C (+293 °F)
Materials:	Fine-wire, tinned-copper conductor Electron beam cross-linked polyolefin copolymer insulation
Remarks:	Fire behavior: - Flame-retardant (IEC 60332-1-2) - Halogen-free (IEC 60754-1) - No corrosive gases (IEC 60754-2) - Low smoke density (IEC 61034-2) - Low toxicity (EN 50305) - Extended fire behavior: H05Z-K (0,5 mm ² up to 1,0 mm ²) - No fire propagation according to IEC 60332-3-24 - Oil-resistant according to DIN EN 50290-2-22 (TM54) - Abrasion and notch-resistant - UV-resistant according to ISO 4892-2, method A, and ozone resistant acc. to EN 50396 resp. VDE 0473-396, method B
Standards:	Type H05Z-K and H07Z-K according to EN 50525-3-41 with advanced features DNV GL certificate no. TAE00003NF
HF Impedance:	N/A
Connectors:	Ring tongue terminal (M6) to Ring tongue terminal (M6)
Diameter:	4.0 mm
Max test voltage:	4000 V
Approximate weight per length unit:	67 kg/km



Protection Mechanical Caps

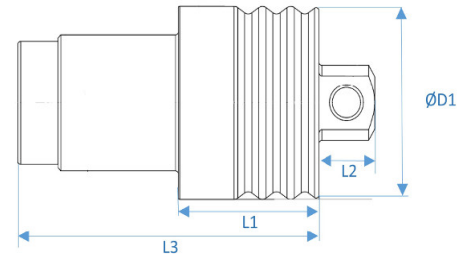
Protective caps CU 24 connectors

Code:	SCRSA-CAP001
Name:	Set of protective caps for Simcenter SCADAS RS conditioner units
Supported SCRS Units:	B24, S24
Notes:	Protection Mechanical Caps item. 8x protective bumper feet included.
Part number:	YCP-ACS12ZBM09D (x2) YCP-ACS09ZBA09D (x24)
Dimensions:	D1=12.8, L1=10.0, L2=4.0, L3=21.4 mm (x2) D1=10.9, L1=6.3, L2=4.0, L3=16.4 mm (x24)
Size:	12 (x2) 9 (x24)
Temperature:	-20 .. 120°C -4 .. 258 °F
IP:	IP68 (mated)
Materials:	Brass, Nickel Plated
Remarks:	Variant for T Series (Multi-coding) 8x protective bumper feet for Unit back screw holes included: Essentra-049130011407, base: ø3 mm, height: 13 mm, PVC Black
Standards:	RoHS 2011/65/EU



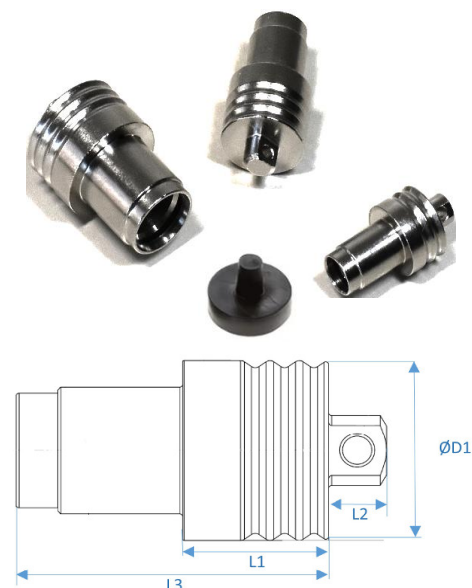
Protective caps CU 12 connectors

Code:	SCRSA-CAP002
Name:	Set of protective caps for Simcenter SCADAS RS conditioner units
Supported SCRS Units:	U12
Notes:	Protection Mechanical Caps item. 8x protective bumper feet included.
Part number:	YCP-ACS12ZBM09D (x3) YCP-ACS09ZBA09D (x12)
Dimensions:	D1=12.8, L1=10.0, L2=4.0, L3=21.4 mm (x3) D1=10.9, L1=6.3, L2=4.0, L3=16.4 mm (x12)
Size:	12 (x3) 9 (x12)
Temperature:	-20 .. 120°C -4 .. 258 °F
IP:	IP68 (mated)
Materials:	Brass, Nickel Plated
Remarks:	Variant for T Series (Multi-coding) 8x protective bumper feet for Unit back screw holes included: Essentra-049130011407, base: ø3 mm, height: 13 mm, PVC Black
Standards:	RoHS 2011/65/EU



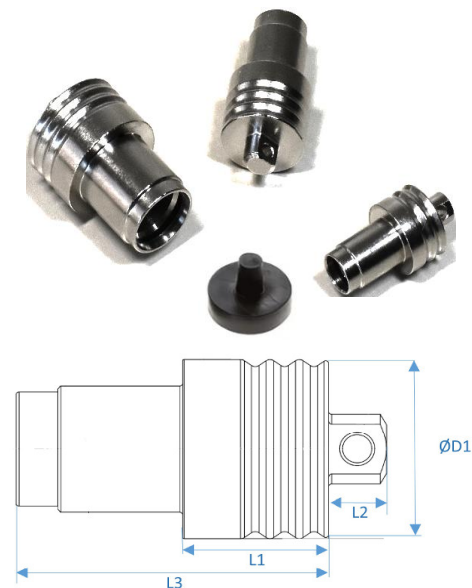
Protective caps set REC

Code:	SCRSA-CAP003
Name:	Set of protective caps for Simcenter SCADAS RS REC unit
Supported SCRS Units:	REC
Notes:	Protection Mechanical Caps item. 8x protective bumper feet included.
Part number:	YCP-ACS15ZB000D (x6) YCP-ACS12ZBM09D (x10)
Dimensions:	D1=16.3, L1=10.0, L2=4.0, L3=22.1 mm (x6) D1=12.8, L1=10.0, L2=4.0, L3=21.4 mm (x10)
Size:	15 (x6) 12 (x10)
Temperature:	-20 .. 120°C -4 .. 258 °F
IP:	IP68 (mated)
Materials:	Brass, Nickel Plated
Remarks:	Variant for T Series (Multi-coding)8x protective bumper feet for Unit back screw holes included: Essentra-049130011407, base: ø3 mm, height: 13 mm, PVC Black
Standards:	RoHS 2011/65/EU



Protective caps set DI

Code:	SCRSA-CAP005
Name:	Set of protective caps for Simcenter SCADAS RS DI unit
Supported SCRS Units:	DI
Notes:	Protection Mechanical Caps item. 8x protective bumper feet included.
Part number:	YCP-ACS12ZBM09D (x2) YCP-ACS15ZB000D (x5)
Dimensions:	D1=12.8, L1=10.0, L2=4.0, L3=21.4 mm (x2) D1=16.3, L1=10.0, L2=4.0, L3=22.1 mm (x5)
Size:	12 (x2) 15 (x5)
Temperature:	-20 .. 120°C -4 .. 258 °F
IP:	IP68 (mated)
Materials:	Brass, Nickel Plated
Remarks:	Variant for T Series (Multi-coding)8x protective bumper feet for Unit back screw holes included: Essentra-049130011407, base: ø3 mm, height: 13 mm, PVC Black
Standards:	RoHS 2011/65/EU



Protective caps set ECAT

Code:	SCRSA-CAP007
Name:	Set of protective caps for Simcenter SCADAS RS ECAT unit
Supported SCRS Units:	ECAT
Notes:	Protection Mechanical Caps item. 8x protective bumper feet included.
Part number:	YCP-ACS12ZBM09D (x8)
Dimensions:	D1=12.8, L1=10.0, L2=4.0, L3=21.4 mm (x8)
Size:	12 (x8)
Temperature:	-20 .. 120°C -4 .. 258 °F
IP:	IP68 (mated)
Materials:	Brass, Nickel Plated
Remarks:	Variant for T Series (Multi-coding)8x protective bumper feet for Unit back screw holes included: Essentra-049130011407, base: ø3 mm, height: 13 mm, PVC Black
Standards:	RoHS 2011/65/EU



Protective caps set UPS

Code:	SCRSA-CAP004
Name:	Set of protective caps for Simcenter SCADAS RS UPS unit
Supported SCRS Units:	UPS
Notes:	Protection Mechanical Caps item. 8x protective bumper feet included.
Part number:	YCP-ACS15ZB000D (x1) YCP-ACS12ZBM09D (x4) YCP-ACS09ZBA09D (x1)
Dimensions:	D1=16.3, L1=10.0, L2=4.0, L3=22.1 mm (x1) D1=12.8, L1=10.0, L2=4.0, L3=21.4 mm (x4) D1=10.9, L1=6.3, L2=4.0, L3=16.4 mm (x1)
Size:	15 (x1) 12 (x4) 9 (x1)
Temperature:	-20 .. 120°C -4 .. 258 °F
IP:	IP68 (mated)
Materials:	Brass, Nickel Plated
Remarks:	Variant For T Series (Multicoding) 8x protective bumper feet for Unit back screw holes included: Essentra-049130011407, base: ø3 mm, height: 13 mm, PVC Black
Standards:	RoHS 2011/65/EU



Transportation Cases

Travel case single unit

Code:	SCRSA-CASE01
Name:	Travel case for single Simcenter SCADAS RS unit
Supported SCRS Units:	REC, UPS, U12, B24, S24
Notes:	Transportation Cases item.
Part number:	1400EU Peli Protector Case
Dimensions:	Interior (LxWxD): 11.87 x 8.97" x 5.15 (30.1 x 22.8 x 13.1 cm) Exterior (LxWxD): 13.68 x 11.61" x 5.75 (34.7 x 29.5 x 14.6 cm) Lid Depth: 1.18" (3 cm) Bottom Depth: 4.00" (10.2 cm) Total Depth: 5.18" (13.2 cm) Int Volume: 0.32 ft ³ (0.009 m ³) Padlock Hole Diameter: 5/16" (12.7 cm)
Temperature:	-40 .. 98.9 °C -40 .. 210 °F
IP:	IP67
Materials:	Body: Polypropylene Latch: ABS O-Ring: Polymer Pins: Stainless Steel Foam: 1.3 lb Polyurethane Purge Body: ABS Purge Vent: 3 Micron Hydrophobic Non-Woven
Remarks:	• Watertight, crushproof, and dustproof • Automatic Pressure Equalization Valve - balances interior pressure, keeps water out • Comfortable rubber over-molded handle • Easy open Double Throw latches • O-ring seal • Open cell core with solid wall design - strong, light weight • Pick N Pluck™ with convoluted lid foam • Stainless steel padlock protectors
Standards:	MIL C-4150J Def Stan 81-41 STANAG 4280



Travel case 6 units

Code:	SCRSA-CASE02
Name:	Travel case for 6 Simcenter SCADAS RS units
Supported SCRS Units:	REC, UPS, U12, B24, S24
Notes:	Transportation Cases item.
Part number:	1607 Peli Air Case
Dimensions:	Interior (LxWxD): 21.05 x 15.81" x 11.63 (53.5 x 40.2 x 29.5 cm) Exterior (LxWxD): 24.13 x 18.80" x 13.25 (61.3 x 47.8 x 33.7 cm) Lid Depth: 2.00" (5.1 cm) Bottom Depth: 9.60" (24.4 cm) Total Depth: 11.6" (29.5 cm) Int Volume: 2.24 ft ³ (0.063 m ³) Padlock Hole Diameter: 5/16" (12.7 cm)
Temperature:	-40 .. 98.9 °C -40 .. 210 °F
IP:	IP67
Materials:	Body: Polypropylene Latch: ABS O-Ring: Polymer Pins: Stainless Steel Foam: 1.3 lb Polyurethane Purge Body: ABS Purge Vent: 3 Micron Hydrophobic Non-Woven
Remarks:	• Automatic Purge Valve - Keeps water and dust out while balancing air pressure • Watertight, crushproof, and dustproof • Super-light proprietary HPX²™ Polymer • Business card holder
Standards:	MIL C-4150J Def Stan 81-41 STANAG 4280



All Accessories

Connectivity Accessories	SCRSA-CABD01	Daisy chain cable, 0.4 m
	SCRSA-CABD02	Daisy chain cable, 1 m
	SCRSA-CABD03	Daisy chain cable, 5 m
	SCRSA-CABD04	Daisy chain cable, 10 m
	SCRSA-CABD05	Daisy chain cable, 50 m
	SCRSA-CABN01	Daisy chain cable to RJ45, 5 m
	SCRSA-CABN02	REC ethernet cable RJ45, 5 m
	SCRSA-CAB017	Digital OUT cable to ECAT, 1m
	SCRSA-CAB018	digital OUT cable to ECAT, 10m
	SCRSA-CAB004	Cable USB2.0, 0.5 m
	SCRSA-CAB006	Cable SYNC to 2x BNC, 1 m
	SCRSA-CAB007	Cable USB3 device, 1 m
	SCRSA-CAB008	Cable USB3 host, 1 m
	SCRSA-ACC-003	Antenna Wi-Fi (set of 2)
	SCRSA-CAB-ADP2	UTP to USB adapter for PC
Measurement Accessories	SCRSA-CABA01	Analog input cable pigtail, 3 m
	SCRSA-CABA02	Analog input cable BNC, 1 m
	SCRSA-CABA03	Analog input cable with resistor, 3 m
	SCRSA-CABA04	Tacho input cable, 3 m
	SCRSA-CABS01	Analog input cable to LEMO 0B, 30cm
	SCRSA-CABS02	1/4 BRG analog input to LEMO 0B, 30cm
	SCRSA-CAB019	Analog input cable push-lock 5-pin, QB 2 wire
	SCRSA-CAB020	Analog input cable push-lock 5-pin, QB 3 wire
	SCRSA-CAB021	Analog input cable to M8 6-pin
	SCRSA-CAB002	Cable DIO pigtail, 3 m
	SCRSA-CAB003	Cable CAN 2x SUB-D, 1 m
	SCRSA-CAB005	Cable Pulse pigtail, 3 m
	SCRSA-ACC-004	Antenna GNSS
	SCRSA-CAB001	Grounding cable, 3 m
	SCRSA-CASE01	Travel case single unit
Mechanic Accessories	SCRSA-CASE02	Travel case 6 units
	SCRSA-ACC-001	Side clamps (set of 2)
	SCRSA-ACC-002	Brackets (set of 2)
	SCRSA-ACC-005	Stacking tools (set of 4)
	SCRSA-ACC-006	Cooling block for SCADAS RS REC unit
	SCRSA-CAP001	Protective caps CU 24 connectors
	SCRSA-CAP002	Protective caps CU 12 connectors
	SCRSA-CAP003	Protective caps set REC
	SCRSA-CAP004	Protective caps set UPS
	SCRSA-CAP005	Protective caps set DI
	SCRSA-CAP007	Protective caps set ECAT
	SCRSA-CAB009	Cable DC power IN, 1.5 m
	SCRSA-CAB010	Cable BAT to UPS, 1 m
	SCRSA-CAB011	Cable remote power pigtail, 5 m
	SCRSA-ACDC-01	AC/DC adapter unit
Power Accessories	SCRSA-ACDC-02	AC/DC adapter UPS